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中华人民共和国交通行业标准

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汽车检测站
计算机控制系统技术规范

Technical specifications for computer controll system of vehicle inspecting station

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前　言

本标准的附录A、附录B是规范性附录。

本标准由中华人民共和国交通部公路司提出并归口。

本标准起草单位：山东省交通厅道路运输局、安徽省公路运输管理局、合肥华西科技开发有限公司、深圳市大雷实业有限公司、山东省汽车综合性能检测中心站。

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汽车检测站计算机控制系统技术规范

1 范围

本标准规定了汽车检测站计算机控制系统(以下简称"控制系统")的术语和定义、运行环境、检测控制、业务处理、数据接口、性能与工艺、系统维护和系统文档。

本标准适用于汽车综合性能检测站的控制系统。其他检测站的控制系统可参照执行。

2 规范性引用文件

下列文件中的条款通过本标准的引用而成为本标准的条款。凡是注日期的引用文件,其随后所有的修改单(不包括勘误的内容)或修订版均不适用于本标准,然而,鼓励根据本标准达成协议的各方研究是否可使用这些文件的最新版本。凡是不注日期的引用文件,其最新版本适用于本标准。

GB 9361	计算机站场地安全要求
GB 14050	系统接地的型式及安全技术要求
GB 18565 - 2001	营运车辆综合性能要求和检验方法
GB/T 17993 - 1999	汽车综合性能检测站通用技术条件
GB/T 18344	汽车维护、检测、诊断技术规范
JT/T 198	汽车技术等级评定标准
JT/T 414 - 2000	道路运政管理信息系统　信息体系结构

3 术语和定义

下列术语和定义适用于本标准。

3.1

检车通道 inspection pathway

受检车辆通过检测车间内的具有系列检测设备、附属设备及其控制设备的行驶路径。

3.2

检车单元 inspection work place

检车通道上的一段可以容纳一辆受检车辆进行一个或多个项目测试的具有独立进程逻辑的区域。

3.3

业务节点 (operation) center

检测站按照服务流程为车辆提供登录至终检业务活动的逻辑点。

3.4

软件系统崩溃 system crash

控制系统外部或内部的原因导致软件发生的致命性逻辑错误。

3.5

重大故障 major failure

软件系统崩溃,或任何可导致检测停顿 30min 以上或检测数据不完备的硬件故障。

3.6

平均无故障工作时间 mean time between failures (MTBF)

控制系统在一年工作期间内全部重大故障的间隔时间平均值。

3.7

平均维修时间 mean time to repair (MTTR)

控制系统在一年工作期间内所有维修时间与重大故障次数的比值。

3.8

有效度 availability (A)

表示控制系统在工作期间内实现其指定功能能力的一项可靠性指标。计算公式为

$$A = \frac{MTBF}{MTBF + MTTR}$$

式中：

A——有效度；

MTBF——平均无故障工作时间，h；

MTTR——平均维修时间，h。

4 运行环境

控制系统在如下运行环境中应能正常工作。

4.1 供配电与接地

4.1.1 总配电容量应与检测站的总用电量相适应，电压波动应不大于 10%，频率波动应不大于 1Hz。

4.1.2 控制系统和检测设备仪表系统的供电应在配电柜处独立于检测设备机械动力用电和其他用电之外，应具备足够容量的净化稳压电源，稳压后的电压波动应不大于 5%，频率波动应不大于 0.8Hz；关键计算机供电应具备足够容量的不间断电源。

4.1.3 应选用 GB 14050 中规定的 TT 接地型式，安全保护地的接地电阻应不大于 4Ω。

4.1.4 应设置防雷保护地，其接地电阻不应大于 10Ω，且与安全保护地或交流工作地不应有电气连接。

4.2 检测车间

4.2.1 检测车间的温度在 0～40℃，相对湿度在 8%～80%，温度变化率应小于 15℃/h，应不凝露。

4.2.2 安全条件应按 GB 9361 规定的防火 C 类、防水 B 类、防雷击 B 类、防鼠害 B 类综合执行。

4.3 计算机房

4.3.1 总面积不小于 $20m^2$，净高不小于 2.5m。

4.3.2 开机时室温为 15～30℃，相对湿度为 40%～70%，温度变化率小于 10℃/h，应不凝露。

4.3.3 停机时室温为 5～35℃，相对湿度为 20～85%，温度变化率小于 10℃/h，应不凝露。

4.3.4 粒度不小于 0.5μm 的尘埃不多于 18000 粒/dm^3。

4.3.5 安全条件按照 GB9361 规定的场地选择 C 类、防火 C 类、空调系统 C 类、火灾报警及消防设施 C 类、电磁波的防护 C 类、计算机房内部装修 B 类、供配电系统 B 类、防水 B 类、防静电 B 类、防雷击 B 类、防鼠害 B 类综合执行。

4.4 受控设备

受控设备种类符合 GB/T 17993－1999 表 1 的规定且具备控制所必需的电气接口。

5 检测控制

5.1 适检车型

如受控设备功能支持，控制系统和受控设备配合，应能对符合 5.1.1～5.1.3 条件的汽车、汽车列车完成 5.2 规定的所有检测项目的检测。

5.1.1 车轴形式

其车轴形式为下列之一：

—4×2 后驱后驻车；
—4×2 前驱后驻车；
—4×2 前驱前驻车；
—4×4 全驱后驻车；
—4×4 全连驱后驻车；
—6×2 双后浮动桥中驻车；
—6×4 双后驱双后驻车；
—6×4 双后连驱双后驻车；
—6×6 全连驱双后驻车；
—8×4 双后驱双后驻车；
—10×6 三后驱三后驻车；
—6×2 中驱中驻车半挂；
—8×2 中驱中驻车半挂；
—8×4 双中驱双中驻车半挂；
—10×2 中驱中驻车半挂；
—10×4 双中驱双中驻车半挂；
—12×4 双中驱双中驻车半挂；
—8×2 后驱后驻车全挂。

5.1.2 燃料种类

其燃料种类为下列之一：
—柴油；
—汽油；
—车用气体燃料(液化石油气 LPG 和压缩天然气 CNG)；
—其它。

5.1.3 前照灯制

其前照灯制为下列之一：
—二只远近光可变前照灯，对称等高排列。
—二只远近光可变前照灯对称位于外侧，二只远光前照灯对称位于内侧，四只灯等高度排列。

5.2 适检项目

如受控设备的功能支持，控制系统和 4.4 规定的受控设备配合，应能完成 GB 18565、GB/T 18344 和 JT/T 198 相应检测项目的检测。

5.3 检测调度功能

5.3.1 控制系统应能使检测站内各检车通道对按照任何车辆次序和检测次序到达的已登录车辆进行调度并完成应检项目的检测。

5.3.2 应具有把受检车辆调度到检车通道任意检车单元、任意项目检测的能力。

5.3.3 在采用流水式调度模式的检车通道上不应出现检车单元之间的逆向引车移动。

5.3.4 应具有调度受检车辆接受检车单元内任意项目、任意次数检测的能力。

5.3.5 检车单元上一个受控设备出现故障时，控制系统应能使该受控设备承担的检测项目在本次检测中取消，剩余项目应仍能作为一个整体继续进行自动检测。

5.4 项目测试功能

控制系统具有输出该检车单元引车员引导信号、完成数据采集、处理、量值变换和判定的能力。

5.4.1 能够操纵受控设备进入测试工况，通过引导指示器指示操作员完成必要的辅助操作。

5.4.2 根据有关标准、规程的要求完成检测数据的采样。

5.4.3 采样过程应涵盖测量对象有效状态的全过程。

5.4.4 采样数据须经过量值变换按有关标准、规程规定的计量单位表示。

5.4.5 应能实时给出检测数据和进行指标数据的计算和修约。

5.4.6 应能根据有关标准实时完成受检车辆项目的合格性判定。

5.4.7 对于系统自动采集的数据,控制系统不应提供人工键入和修改的功能。

5.4.8 具备控制受控设备机械动作的能力。

5.4.9 对于通过模拟通道采样的信号,每路记录点之间间隔时间应不大于 10ms,各同步信号记录时刻的同步误差不超过 0.5ms。

5.4.10 经过软硬件滤波后,有关检测项目的过程曲线应平滑而不失真。

5.4.11 外观人工检查和底盘人工检查应能分别容纳 40 项以上项目的输入;外观人工检查和底盘人工检查的项目设定应能按需要进行调整。

5.5 数据存储

5.5.1 在受检汽车受检时,控制系统应实时记录检测数据。

5.5.2 在完成一辆受检车辆的全部测试后,控制系统应立即将该受检车辆完备的检测数据和判定结果存入数据库。

5.6 系统标定

5.6.1 应具备对各受控设备进行标定的界面。

5.6.2 标定界面应能显示受控设备各(通过模拟量联网的)输入通道的零点输出、AD 值和标定值;当通讯协议支持时,系统校准界面应能实时显示数字通讯传输的量的示值。

5.6.3 系统或受控设备的检定按照相关标准执行。

5.6.4 不应给检测站提供不受监管地自行采用纯软件方式进行标定的功能。

6 业务处理

6.1 登录

至少能正确登录如下内容。

6.1.1 车型构造信息

a) 车型代号;
b) 车型类别;
c) 厂牌;
d) 车轴形式;
e) 有无 ABS;
f) 前照灯制;
g) 前照灯离地高度;
h) 总质量;
i) 整备质量;
j) 变速器型式;
k) 悬架型式;
l) 发动机型号;
m) 额定功率;
n) 额定转矩功率;
o) 额定油耗;
p) 燃料种类;
q) 是否电控燃油喷射。

6.1.2 车辆特征信息

a) 号牌种类；

b) 号牌号码；

c) 车辆类型；

d) 车型代号；

e) 车辆识别号(VIN)；

f) 发动机号码；

g) 车架号码；

h) 道路运输证号；

i) 车辆技术档案号；

j) 车身颜色；

k) 新车/在用车；

l) 车主名称；

m) 出厂日期。

6.1.3 检测信息

a) 检验类别；

b) 检测项目；

c) 维修厂家；

d) 引车员。

6.2 查询

6.2.1 公开查询

a) 应能按照多种组合条件查询出特定受检车辆特定检测进行信息显示；

b) 应能显示附录 A.2 中全部检测项目最终判定结果；

c) 应能显示收费标准；

d) 应能显示检测标准；

e) 应不具备修改任何检测数据的功能。

6.2.2 内部查询

a) 应能通过选取业务节点机上受检车辆队列中的车辆进行显示；

b) 应能按照多种组合条件进行选择特定受检车辆特定检测进行显示，附录 A.1～A.10 中所有能够进行关系比较的字段均可作为组合条件表达式的变量；

c) 应能显示附录 A.2 中全部检测项目最终判定结果；

d) 应能显示附录 A.3 和附录 A.4 中全部检测项目自动判定结果；

e) 应能显示附录 A.5 和附录 A.8～A.10 中全部指标数值及其自动判定结果；

f) 应能显示附录 A.6～A.10 中全部原始数据和过程曲线；

g) 应不具备修改任何检测数据的功能。

6.3 终检

终检应具有如下功能：

6.3.1 路试数据录入功能

6.3.1.1 可以录入路试数据和结果。

6.3.1.2 路试数据应与测试数据有区分标志备查。

6.3.2 技术判断

6.3.2.1 应能根据检测数据自动判定附录 A.2 中的检测项目。

6.3.2.2 应能录入技术负责人的技术判断结果。

6.3.2.3 不得具备修改任何检测数据的功能。

6.3.3 检测报告打印功能

6.3.3.1 应能打印检测报告,应能打印附录 A 中的任何检测项目的结果、指标数值、原始数据、过程曲线、路试数据和路试结果。

6.3.3.2 应全面真实地反映检测内容,不应出现自相矛盾的信息。

6.3.3.3 复检的检测报告应包含本次检验全部检测项目的最新检测结果。

6.3.3.4 应能根据不同检验类别打印不同报告。

6.3.3.5 应能按需要查询和打印已检车辆的检测报告,且内容应与检测的即时报告一致。

6.3.3.6 应能由用户自行选择报告内容和调整报告样式。

6.3.4 具有内部查询功能。

6.4 系统监视功能

6.4.1 监视功能

6.4.1.1 应能监视各业务节点计算机的实时开机状态。

6.4.1.2 应能监视各工位计算机实时的挂线、通讯、开机、检车的状态。

6.4.1.3 应能监视各在测车辆的实时受检位置。

6.4.2 通知功能

6.4.2.1 应能向指定业务节点或所有业务节点发送短信息。

6.4.3 数据查询功能

6.4.3.1 应能查询在检车辆的已检项目的数据。

6.4.3.2 应包含内部查询功能。

6.5 信息管理

6.5.1 应能自动定时备份。

6.5.2 应能保存所有已录入的车辆信息。

6.5.3 车辆检测数据至少保存二年。

6.6 统计

应能对数据库中的检测数据按起止时间进行下列统计并打印统计报表。

a) 全部检测结果的统计;

b) 分项检测结果的统计;

c) 按检验类别分组对检测结果的统计;

d) 按车辆类型分组对检测结果的统计;

e) 按承修业户分组对检测结果的统计;

f) 按车主分组对检测结果的统计;

g) 初检复检次数的统计。

7 数据接口

7.1 数据库

7.1.1 数据库设计应自动强制数据一致性。

7.1.2 数据库管理系统 DBMS 应支持 SQL 和 ODBC 两种工业标准。

7.1.3 数据库管理系统 DBMS 应支持 TB 级数据容量。

7.1.4 数据库应具有 C2 级安全性。

7.1.5 数据库应具有企业级可靠性。

7.2 数据进口

控制系统应具备从管理部门获取如下信息的能力,填入检测站数据库,格式见附录 B。

a) 维修业户档案信息表 Menders JT/T 414—2000 之 A03;

b) 车辆档案信息表 Vehicles JT/T 414—2000 之 B01;

c) 车辆异动信息表 Vicissitude JT/T 414—2000 之 B06;

d) 车辆检测维护备案信息表 Reference JT/T 414—2000 之 B02;

e) 车辆营运状态信息表 Business JT/T 414—2000 之 B03。

7.3 数据出口

控制系统应具备向外界提供如下信息的能力,格式见附录 A。

7.3.1 控制系统应能将如下信息向外传输。

a) 车辆档案信息表 autos;

b) 判定项目信息表 assess。

7.3.2 控制系统应能向管理部门提供下列信息。

7.3.2.1 车辆信息

车辆档案信息表 autos。

7.3.2.2 由管理部门要求的每次检验的信息:

—判定项目信息表 assess;

—检验项目信息表 examine。

7.3.2.3 在检测站进行的每次检测的信息:

—检测项目信息表 detects;

—整车指标数据信息表 targets;

—整车原始数据信息表 prehens;

—整车曲线信息表 vprocess;

—车轴数据信息表 vaxles;

—发动机气缸数据信息表 vcylinds;

—发动机工况废气数据信息表 vexhaust。

7.3.2.4 有关检测站的信息:

—各业务节点的实时工作状态表 centers;

—各工位控制机的实时工作状态表 wplaces;

—受检车辆在检测流程中的实时分布状态表 wqueue;

—正在采用的检测标准信息表 stands;

—正在采用的收费标准信息表 uprice;

—检测站员工清单表 employee;

—检测设备清单表 facility;

—检测站检测设备的检定情况表 calibrat。

7.4 传输性能与工艺

控制系统与管理部门的双向数据传输功能应能满足如下条件:

a) 能支持远程通讯;

b) 全部传输线路中断时,不影响检测站或管理部门的各自正常运行。

8 性能与工艺

8.1 检车能力

控制系统应有多检车单元的控制能力,其测试应不影响正常的车流速率。

8.2 容错能力

8.2.1 在控制系统软件界面下，不应因为人工误操作引起控制系统或受控设备的损坏。

8.2.2 当控制系统遭遇人为干扰时、或当一个受控设备出现失效恢复时、或当一个检车单元控制系统局部硬件出现失效恢复时，在干扰排除并经过对该检车单元的受检车辆执行不超过该检车单元范围的重测后，控制系统应保证受检车辆队列所有车辆的检测连续性、数据完整性和数据有效性，不应出现软件系统崩溃。

8.3 安全性

在控制系统控制下，不应产生因为检测设备各部件机械动作时序不当而造成的车辆、人员、检测设备的损坏。

8.4 可靠性

控制系统的平均无故障工作时间应不小于600h，有效度应大于0.98。

8.5 电磁兼容性

8.5.1 在距受控检测线10m处测得的控制系统产生的辐射干扰场强应不大于0.1V/m。

8.5.2 控制系统在1V/m的射频辐射干扰下，不应发生对检测调度和检测数据有影响的故障。

8.6 误差

在检定受控设备时，控制系统显示值与标准物质示值之间的误差应符合计量检定规程的要求。如受控设备的显示值也符合计量检定规程的误差要求，控制系统显示值与受控设备显示值之间的最大差值应不超过计量检定规程规定的示值误差。

8.7 接口独立性

当检测设备电气接口允许时，控制系统的连接不应破坏原检测设备仪表的功能，且当控制系统不工作时，原检测设备仪表应能正常工作。

8.8 硬件工艺

8.8.1 控制系统与受控设备的互联线应采用穿管暗敷或线槽布线，金属线互联应采用锡焊连接或压接连接，不应采用绞接连接。

8.8.2 计算机部件、电子部件、电气部件和机械部件应符合相关工业标准。

8.8.3 设备间互连信号线应采用屏蔽线，导线导体横截面积不小于0.5mm^2。

8.8.4 峰值小于100mV的模拟信号传输导线长度不得超过2m。峰值大于100mV的模拟信号传输导线长度不得超过15m。

8.9 软件界面

8.9.1 软件应为中文界面。

8.9.2 应具备在线帮助功能。

8.10 操作权限控制功能

软件应具备对操作员权限进行分配控制的功能。

9 系统维护

9.1 硬件维护

9.1.1 应具备模拟输入通道故障的诊断功能。

9.1.2 应具备开关量输入输出通道故障的诊断功能。

9.1.3 应具备通讯链路故障的诊断功能。

9.2 软件维护

9.2.1 应具备控制系统软件的安装软件包，使用户能自主地恢复工作程序。

9.2.2 软件升级时应能够继承原有数据。

9.2.3 应具备查询所有检测标准限值的界面，不应允许用户随意改变标准限值。

10 系统文档

10.1 应具备安装维护的图纸和手册、设备互连接线图表、使用手册、装箱清单。

10.2 应具备控制系统产品合格证。

附 录 A
（规范性附录）
数据出口接口格式

A.1 车辆档案信息表

车辆档案信息表 Autos(检测站→管理部门)应包括以下栏目：

—号牌种类	char(2)	PCLASS-ID (Number Plate Class's ID)
—号牌号码	char (12)	PLATE-ID(Plate Number)
—车辆代码	int	AUTO-ID (Auto ID)
—检测站代码	int	STATION-ID(Inspection Station ID)
—车架号码	varchar(20)	CHASSIS-NO(Chassis Serial Number)
—发动机型号	char(14)	ENGINE-ID (Engine Model's ID)
—发动机号码	varchar(20)	ENGINE-NO (Engine Serial Number)
—制造厂代码	char(8)	MANUFACTID(Manufacture ID)
—车型代码	char(30)	MODEL-ID (Automotive Model's ID)
—管理部门代码	char(18)	OFFICE-ID (Office ID)
—车主代码	char(10)	OWNER-ID(Automotive Owner's ID)
—驱动型式	char(40)	PATTERN-ID(Drive Pattern Name)
—分区代码	smallint	REGION-ID (Administrative Region ID)
—车型类别	char(12)	VCLASS-ID (Automotive's Class ID)
—车辆识别号	char(17)	VIN(Automotive Identification Number)
—二冲程车	bit	AUT-2STROK(2 Strokes Engine)
—车主地址	varchar(40)	AUT-ADDR (Owner's Address)
—经济类型	char(2)	AUT-ASSESF(Asses Forms)
—整车高度	smallint	AUT-BDHIGH(Automotive's Height)
—整车长度	smallint	AUT-BDLEN (Automotive's Length)
—整车宽度	smallint	AUT-BDWIDT(Automotive's Width)
—启动电压	float	AUT-BOOTVT(Starting Voltage)
—车辆厂牌	varchar(40)	AUT-BRAND (Brand of Automotive Model)
—栏板高度	smallint	AUT-BXHIGH(Box Height)
—车箱长度	smallint	AUT-BXLEN (Box Length)
—车箱宽度	smallint	AUT-BXWIDT(Box Width)
—额定扭矩功率	real	AUT-TORPOW(Engine Power at Rated Torque Output)
—车身颜色	char(10)	AUT-COLOR (Body's Color)
—发动机缸序	varchar(20)	AUT-CYLNDO(Cylinder cycle Order)
—额定缸压	real	AUT-CYLNDP(Rated Cylinder Pressure)
—发动机缸数	tinyint	AUT-CYLNDS(Cylinders of Engine)
—是否双排气管	bit	AUT-DBEXHU(Duble Exhaust Pipes Flag)
—上次检测日期	datetime	AUT-DDETEC(Last Inspection Date)
—车主电话	char(15)	AUT-DIAL (Owner's Dial Number)
—下次检测日期	datetime	AUT-DLIMIT(Date of Next Time Inspection Before)
—出厂日期	datetime	AUT-DMANUF(Date of Leaving Factory)

—营运日期	datetime	AUT-DSERVI(Date of Putting into Service)
—额定转矩检测车速	real	AUT-DYNSP1(Inspecting Speed for Power at Rated Torque)
—经济车速	real	AUT-DYNSP2(Speed for Economic Cost)
—额定功率检测车速	real	AUT-DYNSP3(Speed for Max Power Output)
—发动机排列	char(4)	AUT-ENGNEP(Engine Cylinders Alignment Pattern)
—额定功率	real	AUT-EPOWER(Rated Engine Power)
—待扣标志	bit	AUT-ESCAPE(On – levy Flag)
—冻结标志	bit	AUT-FROZEN(Frozen Flag)
—油耗测量速度	float	AUT-FSPEED(Speed for Fuel consumption measurement)
—燃油种类	char(4)	AUT-FUEL (Fuel's Type)
—模拟行驶阻力	real	AUT-FUELR (Resistance for Measuring Fuel Consumption (daN))
—燃油系结构	char(8)	AUT-FUELST(Fuel Subsystem Structure)
—废气检测方式	tinyint	AUT-GASPLN(Inspection Procedure for Exhaust Gas)
—高速车标志	bit	AUT-HSPEED(Hi Speed Flag)
—点火提前角	float	AUT-ILANG (Ignition Ahead Angle)
—独立悬挂	bit	AUT-INDEPE(Independent Pendent System Flag)
—前照灯数	char(4)	AUT-LAMP (Headlights Quantity)
—前照灯高	int	AUT-LAMPHI(Headlight Location Height)
—主灯间距	int	AUT-LAMPHW(Distance Between Host Headlight Locations)
—左边驾驶	bit	AUT-LFSIDE(Steering Wheel at Left Side)
—道路运输证号	char(10)	AUT-LICENS(Transport License No.)
—制造厂家	varchar(40)	AUT-MANUFR(Manufacturer's Name)
—空车质量	int	AUT-MASSEP(Empty Automotive Mass)
—核载质量	int	AUT-MASSLD(Authorized Load Mass)
—整备质量	int	AUT-MASSRD(Ready Automotive Mass)
—准拖质量	int	AUT-MASSTR(Authorized Trailer Mass)
—总 质 量	int	AUT-MASSTT(Designed Total Mass)
—车辆技术档案号	char(10)	AUT-MCASE (Vehicle Technique Case Number)
—车型名称	varchar(30)	AUT-MNAME (Model's Name)
—制造国别	char(3)	AUT-NATION(Nation of Manufacturer)
—定扭底功标准	real	AUT-NUOMA (Standard for Dynamo – power at Rated Torque)
—定功底功标准	real	AUT-NUOPA (Standard for Dynamo – power at Rated Power)
—额定油耗	real	AUT-OILCNS(Fuel Consumption(l/hkm))
—车主名称	varchar(40)	AUT-ONAME (Owner's Name)
—是否客车	bit	AUT-PASSAG(Passenger Carrier Flag)
—车辆近照	image	AUT-PICTUR(Picture of the Automotive)
—经营许可证号	char(15)	AUT-PERMIS(Owner's Licence Number)
—额定转速	int	AUT-REV (Rated Rev (Rpm))
—怠速限值	int	AUT-REVIDL(Idle Rev (Rpm))
—额定扭矩转速	int	AUT-REVTRQ(Rev at rated Torque(Rpm))
—轻载标志	bit	AUT-SMALLD(Small Load Flag)
—最高车速	float	AUT-SPDMAX(Designed Maximum Speed (km/h))
—使用阶段	char(4)	AUT-STAGE (Life Cycle Stage Flag)

—转向器型式	char(8)	AUT-STEERP(Steering Machine Pattern)
—转弯半径	real	AUT-TNDIAM(Turn Radius)
—额定转矩	real	AUT-TORQUE(Rated Torque (Nm))
—轮胎气压	float	AUT-TYREPR(Tire Pressure)
—排量	real	AUT-VOLUME(Exhaust Volume)
—排气管出口坐标	int	AUT-XPIPEP(mm)
—年份标识	char(10)	AUT-YEAR (Year Identify Number)

A.2 判定项目信息表

判定项目信息表 Assess(检测站→管理部门)应包括以下栏目：

—技术等级评定序号	int	ASSESS-ID (Assess ID)
—车辆代码	int	AUTO-ID (Auto ID→AUTOS. AUTO-ID)
—号牌种类	char(2)	PCLASS-ID (Number Plate Class's ID)
—号牌号码	char(12)	PLATE-ID (Plate Number)
—检测站代码	int	STATION-ID(Inspection Station ID)
—检验流水号	int	EXAMINE-ID(Examination ID→EXAMIMNES. EXAMINE-ID)
—初检日期	datetime	ASS-BEGIN (Begin Date)
—下次检验日期	datetime	ASS-DLIMIT(Deadline of Next Time Inspection)
—检测类型	char(4)	ASS-ETYPE (Inspection Type)
—检测次数	smallint	ASS-ITERAT(Test times)
—不合格关键项目数	tinyint	ASS-KEYFAI(Quantity of Fail Key Items)
—行驶里程	int	ASS-MILES (Odometer Reading)
—维修种类	char(4)	ASS-MTTYPE(Maintenance Type)
—检验合格日期	datetime	ASS-OKDATE(Qualify Date)
—项次合格率	real	ASS-OKRATE(Certified - Item Times Rate)
—评定分数	real	ASS-POINTS(Score Points)
—评定评语	varchar(60)	ASS-REMARK(Assess Remark)
—送检单位	varchar(50)	ASS-SUNIT (Sender)
—外观检查合格	char(6)	ASS-FIELD (Field Eyeballing Certify Flag)
—底盘外检合格	char(6)	ASS-CHASS (Chassis Eyeballing Certify Flag)
—外检合格	char(6)	ASS-VISUAL(Eyeballing Certify Flag)
—整车装备	char(6)	ASS-XWHOL (Eyeballing for Whole Equipment)
—启动系与异响	char(6)	ASS-XBOOT (Eyeballing for Starter and Odd Noise)
—传动系悬挂车架	char(6)	ASS-XCHAS (Eyeballing for Tmsmssn and Pendent)
—转向与制动装置	char(6)	ASS-XSTER (Eyeballing for Steering and Brake)
—车身装饰	char(6)	ASS-XDECO (Eyeballing for Body Decoration)
—门窗	char(6)	ASS-XDOOR (Eyeballing for Doors and Windows)
—仪表与信号装置	char(6)	ASS-XINST (Eyeballing for Instrument and Signals)
—润滑	char(6)	ASS-XLUB (Eyeballing for Lube Certify Flag)
—轮胎	char(6)	ASS-XTYRE (Eyeballing for Tire Certify Flag)
—行车制动	char(6)	ASS-BSUM (Brake Subsystem Certify Flag)
—制动力平衡	char(6)	ASS-BIMBL (Brakeage Balance Certify Flag)
—车轮阻滞力	char(6)	ASS-BDRAG (Wheel Resistance Certify Flag)
—制动协调时间	char(6)	ASS-BLAG (Brake Lag Certify Flag)

—驻车制动力	char(6)	ASS-PARK (Park Brakeage Certify Flag)
—废气排放	char(6)	ASS-EXHAU (Exhaust Gas Emission Certify Flag)
—前照灯发光强度	char(6)	ASS-LILL (Headlight Illumination Certify Flag)
—前照灯光束偏移量	char(6)	ASS-LDIR (Headlight Azimuth Offset Certify Flag)
—喇叭声级	char(6)	ASS-HORN (Horn Sound Level Certify Flag)
—转向盘操纵力	char(6)	ASS-STRFRC(Steering Wheel Operation Force Certify Flag)
—转向盘自由转动量	char(6)	ASS-STRTHR(Steering Wheel Free Throw Certify Flag)
—侧滑	char(6)	ASS-SSLIP (Side Slip Certify Flag)
—防雨密封性	char(6)	ASS-PFRAIN(Rain Proof Certify Flag)
—连接件密封性	char(6)	ASS-CONNTI(Connecting Part Airproof Certify Flag)
—动力性	char(6)	ASS-POWER (Output Power Certify Flag)
—等速油耗	char(6)	ASS-FUELCS(Fuel Consumption Certify Flag)
—车速表	char(6)	ASS-SPEEDO(Speedo Error Certify Flag)
—转向角	char(6)	ASS-VEER (Veer Angle Certify Flag)
—车轮动平衡，摆动	char(6)	ASS-IMBALN(Dynamic Balance and Swing Certify Flag)
—滑行阻力	char(6)	ASS-SLIDR (Slide Resistance Certify Flag)
—滑行距离	char(6)	ASS-SLIDD (Slide Distance Certify Flag)
—单缸转速降	char(6)	ASS-CLNDSD(Single－Cylinder－off Rev Loss Certify Flag)
—气缸压力	char(6)	ASS-CLNDPR(Cylinder Pressure Certify Flag)
—闭合角	char(6)	ASS-DCLOSE(Distributor Relay Close Angle Certify Flag)
—分电器重叠角	char(6)	ASS-DOVER (Distributor Overlay Angle Certify Flag)
—点火提前角	char(6)	ASS-IAHDAN(Ignition Ahead Angle Certify Flag)
—点火高压	char(6)	ASS-IHVOLT(Ignition Voltage Certify Flag)
—启动系	char(6)	ASS-BOOT (Starter Subsystem Certify Flag)
—充电系	char(6)	ASS-RCHRG (Recharge Subsystem Certify Flag)
—歧管真空	char(6)	ASS-VACUM (Manifold Vacuum Certify Flag)
—前轮前束	char(6)	ASS-TOE (Front Wheel Toe Certify Flag)
—前轮外倾	char(6)	ASS-CAMBER(Front Wheel Camber Certify Flag)
—主销内倾	char(6)	ASS-TRKDF (Tracking Difference Certify Flag)
—主销后倾	char(6)	ASS-CASTER(Caster Certify Flag)
—漆膜光洁度	char(6)	ASS-LACQR (Lacquer Film Certify Flag)
—悬架减振效率	char(6)	ASS-PNDNT (Pendent Absorb Efficiency Certify Flag)
—LPG 泄漏	char(6)	ASS-LPGLK (LPG Leakage Certify Flag)

A.3 检验项目信息表

检验项目信息表 Examines(检测站→管理部门)应包括以下栏目：

—检验流水号	int	EXAMINE-ID(Examination ID)
—车辆代码	int	AUTO-ID (Auto ID→AUTOS.AUTO-ID)
—检验类别	char(8)	INSPECT-ID(Inspection Type's ID)
—维修业户代码	char(15)	MAINTEN-ID(Maintainer ID)
—初检日期	datetime	EXA-BEGIN (Date of Initial Test)
—检验合格日期	datetime	EXA-END (Certified Date)
—检验车轮定位	bit	EXA-FALIGN(Alignment of Wheels Inspect Flag)
—检验模拟加速工况	bit	EXA-FASM (Acceleration Simulation Mode Inspect Flag)

—检验车身周正	bit	EXA-FASYMM(Body's Asymmetry Inspect Flag)
—检验轴距差	bit	EXA-FBASED(Axle Base Symmetry Difference Inspect Flag)
—检验启动系	bit	EXA-FBOOT (Starter System Inspect Flag)
—检验制动踏板行程	bit	EXA-FBPTHR(Brake Pedal Throw Inspect Flag)
—检验行车制动	bit	EXA-FBRAKE(Brake Performance Inspect Flag)
—检验底盘功率	bit	EXA-FCHPOW(Chassis Output Power Inspect Flag)
—检验离合器力	bit	EXA-FCLCHF(Clutch Operation Force Inspect Flag)
—检验单缸漏气	bit	EXA-FCLEAK(Gas Leakage of Cylinders Inspect Flag)
—检验离合行程	bit	EXA-FCLTCH(Clutch Pedal/Lever Throw Inspect Flag)
—检验曲轴箱窜气	bit	EXA-FCRKLK(Crankcase Gas Leakage Inspect Flag)
—检验连杆异响	bit	EXA-FCRODD(Rim Odd Noise of Connecting Rod Inspect Flag)
—检验底盘间隙	bit	EXA-FCSCLR(Chassis Crevices Inspect Flag)
—检验曲轴异响	bit	EXA-FCSODD(Rim Odd Noise of Crankshaft Inspect Flag)
—检验气缸压力	bit	EXA-FCYLDP(Cylinder Pressures Inspect Flag)
—检验单缸动力	bit	EXA-FCYPOW(Single Cylinder Power Inspect Flag)
—检验分电器	bit	EXA-FDISTR(Engine Ignition Distributor Inspect Flag)
—检验车轮动平衡	bit	EXA-FDYNAM(Tire Dynamic Imbalances Inspect Flag)
—检验等速油耗	bit	EXA-FEFUEL(Equivelocity Fuel Consumption Inspect Flag)
—检验发动机电喷系	bit	EXA-FENGCI (Engine Computerized Inject Subsystem Inspect Flag)
—检验发动机加速时间	bit	EXA-FESPDU(Engine Revup Time Inspect Flag)
—检验水油温度	bit	EXA-FETEMP(Engine Operation Temperatures Inspect Flag)
—检验供油压力	bit	EXA-FFPRSR(Fuel Pressures of Diesel Inspect Flag)
—检验燃料消耗	bit	EXA-FFUELS(Multi－condition Fuel Consumption Inspect Flag)
—检验废气	bit	EXA-FGAS (Exhaust Gas Inspect Flag)
—检验点火提前	bit	EXA-FGLANG(Ignition Ahead Angle Inspect Flag)
—检验配气相位	bit	EXA-FGMPHS(Phases of Intake & Release Valves Inspect Flag)
—检验喇叭声级	bit	EXA-FHORN (Horn Sound Level Inspect Flag)
—检验喷油状况	bit	EXA-FINJCT(Fuel Injector Status of Diesel Inspect Flag)
—检验点火高压	bit	EXA-FIVOLT(Ignition Voltages Inspect Flag)
—检验喷油提前	bit	EXA-FJLANG(Injection Ahead Angle of Diesel Inspect Flag)
—检验漆膜光洁度	bit	EXA-FLACQR(Lacquer Film Glossiness Inspect Flag)
—检验左主灯	bit	EXA-FLAMPL(Left Host Headlight Inspect Flag)
—检验右主灯	bit	EXA-FLAMPR(Right Host Headlight Inspect Flag)
—检验左内灯	bit	EXA-FLMPIL(Left Internal Headlight Inspect Flag)
—检验右内灯	bit	EXA-FLMPIR(Right Internal Headlight Inspect Flag)
—检验 LPG 泄漏	bit	EXA-FLPGLK(LPG Leakage Inspect Flag)
—检验机油污染	bit	EXA-FLUBPL(Lube Pollution Inspect Flag)
—检验机油压力	bit	EXA-FLUBPR(Lube Pressure Inspect Flag)
—检验机油油品	bit	EXA-FLUBQL(Lube Quality Analysis Inspect Flag)
—检验发动机功率	bit	EXA-FNGPOW(Engine Output Power Inspect Flag)
—检验最大转矩	bit	EXA-FNGTRQ(Engine Maximum Torque Inspect Flag)
—检验车内噪声	bit	EXA-FNOISI(Inside Noise Inspect Flag)

—检验车外噪声	bit	EXA-FNOISO(Outside Noise Inspect Flag)
—检验里程表	bit	EXA-FODO (Odometer Item Inspect Flag)
—检验驻车制动	bit	EXA-FPARK (Park Force Inspect Flag)
—检验敲缸异响	bit	EXA-FPCODD(Odd Noise of Piston Beat Cylinder Inspect Flag)
—检验防尘密封	bit	EXA-FPDUST(Prevent Dust Ability Inspect Flag)
—检验驻车储备行程	bit	EXA-FPLTHR(Park Lever Throw Inspect Flag)
—检验悬架减振效率	bit	EXA-FPNDNT(Pendent Absorb Efficiency Inspect Flag)
—检验防雨密封	bit	EXA-FPRAIN(Prevent Rain Ability Inspect Flag)
—检验活塞销异响	bit	EXA-FPSODD (Snib Odd Noise of Piston and Connect Rod Inspect Flag)
—检验充电系	bit	EXA-FRCHRG(Recharge Generator Performance Inspect Flag)
—检验转向盘力	bit	EXA-FSFORC(Steering Wheel Operation Force Inspect Flag)
—检验滑行距离	bit	EXA-FSLIDD(Slide Distance Inspect Flag)
—检验滑行阻力	bit	EXA-FSLIDR(Slide Resistance Inspect Flag)
—检验前轮侧滑	bit	EXA-FSLIPF(Side Slip of Front Wheels Inspect Flag)
—检验各轴侧滑	bit	EXA-FSLIPS(Side Slip of All of Axles Inspect Flag)
—检验排气消光度	bit	EXA-FSMKLA(Smoke Light Absorbefacient Inspect Flag)
—检验烟度	bit	EXA-FSMOKE(Smoke Degree Inspect Flag)
—检验速度表	bit	EXA-FSPDO (Speedometer Inspect Flag)
—检验整车加速时间	bit	EXA-FSPDUP(Speedup Time Inspect Flag)
—检验小瓦响	bit	EXA-FSRODD(Odd Noise of Connecting Rod Rim Inspect Flag)
—检验转向盘自由度	bit	EXA-FSWFRE(Steering Wheel Maximum Free Angle Inspect Flag)
—检验车轮摆动	bit	EXA-FSWING(Wheel Swings Inspect Flag)
—检验转弯直径	bit	EXA-FTDIAM(Turning Diameter Inspect Flag)
—检验传动游隙	bit	EXA-FTVACI(Transmission System Vacillations Inspect Flag)
—检验轮胎气压	bit	EXA-FTYREP(Tire Gas Pressures Inspect Flag)
—检验歧管真空	bit	EXA-FVACUM(Exhaust Manifold Vacuum Inspect Flag)
—检验转向角	bit	EXA-FVEER (Veer Angle Inspect Flag)
—检验底盘外检	bit	EXA-FVISLC(Eyeballing under Chassis Inspect Flag)
—检验外观检查	bit	EXA-FVISLF(Eyeballing at Field Inspect Flag)
—检验气门异响	bit	EXA-FVVODD(Odd Noise of Cylinder Valves Inspect Flag)
—检验员证号	char(8)	EXA-GENERA(General Examiner's Certificate No.)
—车轮定位次数	tinyint	EXA-IALIGN(Alignment of Wheels Times)
—模拟加速工况次数	tinyint	EXA-IASM (Acceleration Simulation Mode Times)
—车身周正次数	tinyint	EXA-IASYMM(Body's Asymmetry Times)
—轴距差次数	tinyint	EXA-IBASED(Axle Base Symmetry Difference Times)
—启动系次数	tinyint	EXA-IBOOT (Starter System Times)
—制动踏板行程次数	tinyint	EXA-IBPTHR(Brake Pedal Throw Times)
—行车制动次数	tinyint	EXA-IBRAKE(Brake Performance Times)
—底盘功率次数	tinyint	EXA-ICHPOW(Chassis Output Power Times)
—离合器力次数	tinyint	EXA-ICLCHF(Clutch Operation Force Times)
—单缸漏气次数	tinyint	EXA-ICLEAK(Gas Leakage of Cylinders Times)
—离合行程次数	tinyint	EXA-ICLTCH(Clutch Pedal/Lever Throw Times)

—曲轴箱窜气次数	tinyint	EXA-ICRKLK(Crankcase Gas Leakage Times)
—连杆异响次数	tinyint	EXA-ICRODD(Rim Odd Noise of Connecting Rod Times)
—底盘间隙次数	tinyint	EXA-ICSCLR(Chassis Crevices Times)
—曲轴异响次数	tinyint	EXA-ICSODD(Rim Odd Noise of Crankshaft Times)
—气缸压力次数	tinyint	EXA-ICYLDP(Cylinder Pressures Times)
—单缸动力次数	tinyint	EXA-ICYPOW(Single Cylinder Power Times)
—分电器次数	tinyint	EXA-IDISTR(Engine Ignition Distributor Times)
—车轮动平衡次数	tinyint	EXA-IDYNAM(Tire Dynamic Imbalances Times)
—等速油耗次数	tinyint	EXA-IEFUEL(Equivelocity Fuel Consumption Times)
—发动机电喷系次数	tinyint	EXA-IENGCI(Engine Computerized Inject Subsystem Times)
—发动机加速时间次数	tinyint	EXA-IESPDU(Engine Revup Time Times)
—水油温度次数	tinyint	EXA-IETEMP(Engine Operation Temperatures Times)
—供油压力次数	tinyint	EXA-IFPRSR(Fuel Pressures of Diesel Times)
—燃料消耗次数	tinyint	EXA-IFUELS(Multi - condition Fuel Consumption Times)
—废气次数	tinyint	EXA-IGAS (Exhaust Gas Times)
—点火提前次数	tinyint	EXA-IGLANG(Ignition Ahead Angle Times)
—配气相位次数	tinyint	EXA-IGMPHS(Phases of Intake & Release Valves Times)
—喇叭声级次数	tinyint	EXA-IHORN (Horn Sound Level Times)
—喷油状况次数	tinyint	EXA-IINJCT(Fuel Injector Status of Diesel Times)
—点火高压次数	tinyint	EXA-IIVOLT(Ignition Voltages Times)
—喷油提前次数	tinyint	EXA-IJLANG(Injection Ahead Angle of Diesel Times)
—漆膜光洁度次数	tinyint	EXA-ILACQR(Lacquer Film Glossiness Times)
—左主灯次数	tinyint	EXA-ILAMPL(Left Host Headlight Times)
—右主灯次数	tinyint	EXA-ILAMPR(Right Host Headlight Times)
—左内灯次数	tinyint	EXA-ILMPIL(Left Internal Headlight Times)
—右内灯次数	tinyint	EXA-ILMPIR(Right Internal Headlight Times)
—LPG 泄漏次数	tinyint	EXA-ILPGLK(LPG Leakage Times)
—机油污染次数	tinyint	EXA-ILUBPL(Lube Pollution Times)
—机油压力次数	tinyint	EXA-ILUBPR(Lube Pressure Times)
—机油油品次数	tinyint	EXA-ILUBQL(Lube Quality Analysis Times)
—发动机功率次数	tinyint	EXA-INGPOW(Engine Output Power Times)
—最大转矩次数	tinyint	EXA-INGTRQ(Engine Maximum Torque Times)
—车内噪声次数	tinyint	EXA-INOISI(Inside Noise Times)
—车外噪声次数	tinyint	EXA-INOISO(Outside Noise Times)
—里程表次数	tinyint	EXA-IODO (Odometer Item Times)
—驻车制动次数	tinyint	EXA-IPARK (Park Force Times)
—敲缸异响次数	tinyint	EXA-IPCODD(Odd Noise of Piston Beat Cylinder Times)
—防尘密封次数	tinyint	EXA-IPDUST(Prevent Dust Ability Times)
—驻车储备行程次数	tinyint	EXA-IPLTHR(Park Lever Throw Times)
—悬架减振效率次数	tinyint	EXA-IPNDNT(Pendent Absorb Efficiency Times)
—防雨密封次数	tinyint	EXA-IPRAIN(Prevent Rain Ability Times)
—活塞销异响次数	tinyint	EXA-IPSODD(Snib Odd Noise of Piston and Connecting Rod Times)
—充电系次数	tinyint	EXA-IRCHRG(Recharge Generator Performance Times)

—转向盘力次数	tinyint	EXA-ISFORC(Steering Wheel Operation Force Times)
—滑行距离次数	tinyint	EXA-ISLIDD(Slide Distance Times)
—滑行阻力次数	tinyint	EXA-ISLIDR(Slide Resistance Times)
—前轮侧滑次数	tinyint	EXA-ISLIPF(Side Slip of Front Wheels Times)
—各轴侧滑次数	tinyint	EXA-ISLIPS(Side Slip of All of Axles Times)
—排气消光度次数	tinyint	EXA-ISMKLA(Smoke Light Absorbefacient Times)
—烟度次数	tinyint	EXA-ISMOKE(Smoke Degree Times)
—速度表次数	tinyint	EXA-ISPDO (Speedometer Times)
—整车加速时间次数	tinyint	EXA-ISPDUP(Speedup Time Times)
—小瓦响次数	tinyint	EXA-ISRODD(Odd Noise of Connecting Rod Rim Times)
—转向盘自由度次数	tinyint	EXA-ISWFRE(Steering Wheel Maximum Free Angle Times)
—车轮摆动次数	tinyint	EXA-ISWING(Wheel Swings Times)
—转弯直径次数	tinyint	EXA-ITDIAM(Turning Diameter Times)
—整车次数	smallint	EXA-ITERAT(Detection Iterations)
—传动游隙次数	tinyint	EXA-ITVACI(Transmission System Vacillations Times)
—轮胎气压次数	tinyint	EXA-ITYREP(Tire Gas Pressures Times)
—歧管真空次数	tinyint	EXA-IVACUM(Exhaust Manifold Vacuum Times)
—转向角次数	tinyint	EXA-IVEER (Veer Angle Times)
—底盘外检次数	tinyint	EXA-IVISLC(Eyeballing under Chassis Times)
—外观检查次数	tinyint	EXA-IVISLF(Eyeballing at Field Times)
—气门异响次数	tinyint	EXA-IVVODD(Odd Noise of Cylinder Valves Times)
—车轮定位合格	bit	EXA-KALIGN(Alignment of Wheels OK Flag)
—模拟加速工况合格	bit	EXA-KASM (Acceleration Simulation Mode OK Flag)
—车身周正合格	bit	EXA-KASYMM(Body's Asymmetry OK Flag)
—轴距差合格	bit	EXA-KBASED(Axle Base Symmetry Difference OK Flag)
—启动系合格	bit	EXA-KBOOT (Starter System OK Flag)
—行车制动合格	bit	EXA-KBRAKE(Brake Performance OK Flag)
—连杆异响合格	bit	EXA-KCRODD(Rim Odd Noise of Connecting Rod OK Flag)
—曲轴异响合格	bit	EXA-KCSODD(Rim Odd Noise of Crankshaft OK Flag)
—气缸压力合格	bit	EXA-KCYLDP(Cylinder Pressures OK Flag)
—单缸动力合格	bit	EXA-KCYPOW(Single Cylinder Power OK Flag)
—分电器合格	bit	EXA-KDISTR(Engine Ignition Distributor OK Flag)
—车轮动平衡合格	bit	EXA-KDYNAM(Tire Dynamic Imbalances OK Flag)
—发动机加速时间合格	bit	EXA-KESPDU(Engine Revup Time OK Flag)
—供油压力合格	bit	EXA-KFPRSR(Fuel Pressures of Diesel OK Flag)
—废气合格	bit	EXA-KGAS (Exhaust Gas OK Flag)
—点火提前合格	bit	EXA-KGLANG(Ignition Ahead Angle OK Flag)
—配气相位合格	bit	EXA-KGMPHS(Phases of Intake & Release Valves OK Flag)
—喇叭声级合格	bit	EXA-KHORN (Horn Sound Level OK Flag)
—点火高压合格	bit	EXA-KIVOLT(Ignition Voltages OK Flag)
—喷油提前合格	bit	EXA-KJLANG(Injection Ahead Angle of Diesel OK Flag)
—漆膜光洁度合格	bit	EXA-KLACQR(Lacquer Film Glossiness OK Flag)
—左主灯合格	bit	EXA-KLAMPL(Left Host Headlight OK Flag)

—右主灯合格	bit	EXA-KLAMPR(Right Host Headlight OK Flag)
—左内灯合格	bit	EXA-KLMPIL(Left Internal Headlight OK Flag)
—右内灯合格	bit	EXA-KLMPIR(Right Internal Headlight OK Flag)
—LPG 泄漏合格	bit	EXA-KLPGLK(LPG Leakage OK Flag)
—机油污染合格	bit	EXA-KLUBPL(Lube Pollution OK Flag)
—机油油品合格	bit	EXA-KLUBQL(Lube Quality Analysis OK Flag)
—车内噪声合格	bit	EXA-KNOISI(Inside Noise OK Flag)
—车外噪声合格	bit	EXA-KNOISO(Outside Noise OK Flag)
—里程表合格	bit	EXA-KODO (Odometer Item OK Flag)
—驻车制动合格	bit	EXA-KPARK (Park Force OK Flag)
—敲缸异响合格	bit	EXA-KPCODD(Odd Noise of Piston Beat Cylinder OK Flag)
—防尘密封合格	bit	EXA-KPDUST(Prevent Dust Ability OK Flag)
—防雨密封合格	bit	EXA-KPRAIN(Prevent Rain Ability OK Flag)
—活塞销异响合格	bit	EXA-KPSODD(Snib Odd Noise of Piston and Connecting Rod OK Flag)
—充电系合格	bit	EXA-KRCHRG(Recharge Generator Performance OK Flag)
—转向盘力合格	bit	EXA-KSFORC(Steering Wheel Operation Force OK Flag)
—滑行距离合格	bit	EXA-KSLIDD(Slide Distance OK Flag)
—滑行阻力合格	bit	EXA-KSLIDR(Slide Resistance OK Flag)
—前轮侧滑合格	bit	EXA-KSLIPF(Side Slip of Front Wheels OK Flag)
—排气销光度合格	bit	EXA-KSMKLA(Smoke Light Absorbefacient OK Flag)
—烟度合格	bit	EXA-KSMOKE(Smoke Degree OK Flag)
—速度表合格	bit	EXA-KSPDO (Speedometer OK Flag)
—小瓦响合格	bit	EXA-KSRODD(Odd Noise of Connecting Rod Rim OK Flag)
—转向盘自由度合格	bit	EXA-KSWFRE(Steering Wheel Maximum Free Angle OK Flag)
—车轮摆动合格	bit	EXA-KSWING(Wheel Swings OK Flag)
—转向角合格	bit	EXA-KVEER (Veer Angle OK Flag)
—底盘外检合格	bit	EXA-KVISLC(Eyeballing under Chassis OK Flag)
—外观检查合格	bit	EXA-KVISLF(Eyeballing at Field OK Flag)
—气门异响合格	bit	EXA-KVVODD(Odd Noise of Cylinder Valves OK Flag)
—送 检 人	char(10)	EXA-MSEND (Automotive Sender)
—新车标志	bit	EXA-NEWCAR(New Car Flag)
—送检通知单号	char(10)	EXA-NOTICE(Inspection Notice No.)
—行驶里程	int	EXA-ODO (Odometer Reading)
—合格标志	bit	EXA-OK (Certified Flag)
—检验价格	money	EXA-PRICE (Examination's Cost)
—规范报表预印序列号	char(12)	EXA-PRNTNO(Printing Form S/N)
—原型标志	bit	EXA-PROTO (Prototype Flag)
—底盘功率级别	tinyint	EXA-RCHPOW(Chassis Output Power Rank)
—等速油耗级别	tinyint	EXA-REFUEL(Equivelocity Fuel Consumption Rank)
—注释	varchar(150)	EXA-REMARK(Remark)
—发动机功率级别	tinyint	EXA-RNGPOW(Engine Output Power Rank)

A.4 检测项目信息表

检测项目信息表 Detects(检测站-→管理部门)应包括以下栏目：

—检测流水号	int	DETECT-ID (Test ID in Queue)
—检验流水号	int	EXAMINE-ID(Examination ID - - > EXAMINES.EXAMINE-ID)
—天气代码	char(4)	WEATHER-ID(Weather ID)
—车轮定位项目完成	bit	DET-AALIGN(Alignment of Wheels Detected Flag)
—模拟加速工况项目完成	bit	DET-AASM (Acceleration Simulation Mode Detected Flag)
—车身周正项目完成	bit	DET-AASYMM(Body's Asymmetry Detected Flag)
—轴距差项目完成	bit	DET-ABASED(Axle Base Symmetry Difference Detected Flag)
—启动系项目完成	bit	DET-ABOOT (Starter System Detected Flag)
—制动踏板行程项目完成	bit	DET-ABPTHR(Brake Pedal Throw Detected Flag)
—行车制动项目完成	bit	DET-ABRAKE(Brake Performance Detected Flag)
—底盘功率项目完成	bit	DET-ACHPOW(Chassis Output Power Detected Flag)
—离合器力项目完成	bit	DET-ACLCHF(Clutch Operation Force Detected Flag)
—单缸漏气项目完成	bit	DET-ACLEAK(Gas Leakage of Cylinders Detected Flag)
—离合行程项目完成	bit	DET-ACLTCH(Clutch Pedal/Lever Throw Detected Flag)
—曲轴箱窜气项目完成	bit	DET-ACRKLK(Crankcase Gas Leakage Detected Flag)
—连杆异响项目完成	bit	DET-ACRODD(Rim Odd Noise of Connecting Rod Detected Flag)
—底盘间隙项目完成	bit	DET-ACSCLR(Chassis Crevices Detected Flag)
—曲轴异响项目完成	bit	DET-ACSODD(Rim Odd Noise of Crankshaft Detected Flag)
—气缸压力项目完成	bit	DET-ACYLDP(Cylinder Pressures Detected Flag)
—单缸动力项目完成	bit	DET-ACYPOW(Single Cylinder Power Detected Flag)
—分电器项目完成	bit	DET-ADISTR(Engine Ignition Distributor Detected Flag)
—车轮动平衡项目完成	bit	DET-ADYNAM(Tire Dynamic Imbalances Detected Flag)
—等速油耗项目完成	bit	DET-AEFUEL(Equivelocity Fuel Consumption Detected Flag)
—发动机电喷系项目完成	bit	DET-AENGCI(Engine Computerized Inject Subsystem Detected Flag)
—发动机加速时间项目完成	bit	DET-AESPDU(Engine Revup Time Detected Flag)
—水油温度项目完成	bit	DET-AETEMP(Engine Operation Temperatures Detected Flag)
—供油压力项目完成	bit	DET-AFPRSR(Fuel Pressures of Diesel Detected Flag)
—燃料消耗项目完成	bit	DET-AFUELS(Multi - condition Fuel Consumption Detected Flag)
—废气项目完成	bit	DET-AGAS (Exhaust Gas Detected Flag)
—点火提前项目完成	bit	DET-AGLANG(Ignition Ahead Angle Detected Flag)
—配气相位项目完成	bit	DET-AGMPHS(Phases of Intake & Release Valves Detected Flag)
—喇叭声级项目完成	bit	DET-AHORN (Horn Sound Level Detected Flag)
—喷油状况项目完成	bit	DET-AINJCT(Fuel Injector Status of Diesel Detected Flag)
—点火高压项目完成	bit	DET-AIVOLT(Ignition Voltages Detected Flag)
—喷油提前项目完成	bit	DET-AJLANG(Injection Ahead Angle of Diesel Detected Flag)
—漆膜光洁度项目完成	bit	DET-ALACQR(Lacquer Film Glossiness Detected Flag)
—左主灯项目完成	bit	DET-ALAMPL(Left Host Headlight Detected Flag)
—右主灯项目完成	bit	DET-ALAMPR(Right Host Headlight Detected Flag)
—左内灯项目完成	bit	DET-ALMPIL(Left Internal Headlight Detected Flag)
—右内灯项目完成	bit	DET-ALMPIR(Right Internal Headlight Detected Flag)
—LPG 泄漏项目完成	bit	DET-ALPGLK(LPG Leakage Detected Flag)
—机油污染项目完成	bit	DET-ALUBPL(Lube Pollution Detected Flag)
—机油压力项目完成	bit	DET-ALUBPR(Lube Pressure Detected Flag)

—机油油品项目完成	bit	DET-ALUBQL(Lube Quality Analysis Detected Flag)
—发动机功率项目完成	bit	DET-ANGPOW(Engine Output Power Detected Flag)
—最大转矩项目完成	bit	DET-ANGTRQ(Engine Maximum Torque Detected Flag)
—车内噪声项目完成	bit	DET-ANOISI(Inside Noise Detected Flag)
—车外噪声项目完成	bit	DET-ANOISO(Outside Noise Detected Flag)
—里程表项目完成	bit	DET-AODO (Odometer Item Detected Flag)
—驻车制动项目完成	bit	DET-APARK (Park Force Detected Flag)
—敲缸异响项目完成	bit	DET-APCODD(Odd Noise of Piston Beat Cylinder Detected Flag)
—防尘密封项目完成	bit	DET-APDUST(Prevent Dust Ability Detected Flag)
—驻车储备行程项目完成	bit	DET-APLTHR(Park Lever Throw Detected Flag)
—悬架减振效率项目完成	bit	DET-APNDNT(Pendent Absorb Efficiency Detected Flag)
—防雨密封项目完成	bit	DET-APRAIN(Prevent Rain Ability Detected Flag)
—活塞销异响项目完成	bit	DET-APSODD(Snib Odd Noise of Piston and Connect Rod Detected Flag)
—充电系项目完成	bit	DET-ARCHRG(Recharge Generator Performance Detected Flag)
—转向盘力项目完成	bit	DET-ASFORC(Steering Wheel Operation Force Detected Flag)
—滑行距离项目完成	bit	DET-ASLIDD(Slide Distance Detected Flag)
—滑行阻力项目完成	bit	DET-ASLIDR(Slide Resistance Detected Flag)
—前轮侧滑项目完成	bit	DET-ASLIPF(Side Slip of Front Wheels Detected Flag)
—各轴侧滑项目完成	bit	DET-ASLIPS(Side Slip of All of Axles Detected Flag)
—排气消光度项目完成	bit	DET-ASMKLA(Smoke Light Absorbefacient Detected Flag)
—烟度项目完成	bit	DET-ASMOKE(Smoke Degree Detected Flag)
—速度表项目完成	bit	DET-ASPDO (Speedometer Detected Flag)
—整车加速时间项目完成	bit	DET-ASPDUP(Speedup Time Detected Flag)
—小瓦响项目完成	bit	DET-ASRODD(Odd Noise of Connecting Rod Rim Detected Flag)
—转向盘自由度项目完成	bit	DET-ASWFRE(Steering Wheel Maximum Free Angle Detected Flag)
—车轮摆动项目完成	bit	DET-ASWING(Wheel Swings Detected Flag)
—转弯直径项目完成	bit	DET-ATDIAM(Turning Diameter Detected Flag)
—传动游隙项目完成	bit	DET-ATVACI(Transmission System Vacillations Detected Flag)
—轮胎气压项目完成	bit	DET-ATYREP(Tire Gas Pressures Detected Flag)
—歧管真空项目完成	bit	DET-AVACUM(Exhaust Manifold Vacuum Detected Flag)
—转向角项目完成	bit	DET-AVEER (Veer Angle Detected Flag)
—底盘外检项目完成	bit	DET-AVISLC(Eyeballing under Chassis Detected Flag)
—外观检查项目完成	bit	DET-AVISLF(Eyeballing at Field Detected Flag)
—气门异响项目完成	bit	DET-AVVODD(Odd Noise of Cylinder Valves Detected Flag)
—检测协调时间	bit	DET-BLAG (Apply Brakeage Lag)
—检测踏板力	bit	DET-BPEDAL(Apply Brake Pedal)
—登录引车员中心代码	int	DET-CDRIVE(Center ID of Logged Drive Name)
—终检日期	datetime	DET-DATE (Detect Terminate Date)
—在线调试标志	bit	DET-DEBUG (Debug Line Flag)
—启初转速合格	bit	DET-FBIRSP(Initial Starting Rev OK Flag)
—电瓶电压合格	bit	DET-FBIVLT(Initial Battery Voltage OK Flag)
—启动电流合格	bit	DET-FBMCNT(Starting Current OK Flag)
—启动电压合格	bit	DET-FBMVLT(Starting Battery Voltage OK Flag)

—整车制动因数合格	bit	DET-FBRAKE(Maximum Brakeage Ratio OK Flag)
—前制动因数合格	bit	DET-FBSUMF(Front Axle Maximum Brakeage Ratio OK Flag)
—启动压降合格	bit	DET-FBTVTD(Decrement of Starting Voltage OK Flag)
—左销后倾合格	bit	DET-FCASTL(Left Snib Caster Angle OK Flag)
—右销后倾合格	bit	DET-FCASTR(Right Snib Caster Angle OK Flag)
—底盘检查权重合格	bit	DET-FCHSIS(Chassis Eyeballing Result Weight OK Flag)
—离合器力合格	bit	DET-FCLCFR(Clutch Pedal/Lever Operation Force OK Flag)
—平均缸压合格	bit	DET-FCPAVE(Average Pressure of Cylinders OK Flag)
—气缸压差合格	bit	DET-FCPDIF(Max Pressure Difference of Cylinders OK Flag)
—怠速最大充压充流合格	bit	DET-FCRGIC(Current at Idle Rev Max Recharge Voltage OK Flag)
—怠速最大充压合格	bit	DET-FCRGIV(Max Recharge Voltage at Idle Rev OK Flag)
—中速最大充压充流合格	bit	DET-FCRGMC(Current at Medium Rev Max Recharge Voltage Flag)
—中速最大充压合格	bit	DET-FCRGMV(Max Recharge Voltage at Medium Rev OK Flag)
—连杆异响合格	bit	DET-FCRODD(Connecting Rod Rim Odd Noise OK Flag)
—单缸转速降平衡合格	bit	DET-FCSDBL(Single－Cylinder－off Rev Slowdown Balance OK Flag)
—分电器重叠角合格	bit	DET-FDOVER(Ignition Distributor Overlay Angle OK Flag)
—整车最大阻滞率合格	bit	DET-FDRAG (Max Wheel Drag Ratio OK Flag)
—发动机加速时间合格	bit	DET-FESPDP(Engine Revup Time OK Flag)
—外观检查权重合格	bit	DET-FFIELD(Field Eyeballing Result Weight OK Flag)
—最大供油压力合格	bit	DET-FFSPPM(Maximum Fuel Supply Pressure OK Flag)
—开启供油压力合格	bit	DET-FFSPPO(Fuel Supply Pressure when Injector Open OK Flag)
—怠速一氧化碳合格	bit	DET-FGCO (Carbon Monoxide Concentration OK Flag)
—怠速碳氢化合物合格	bit	DET-FGHC (Hydrocarbon Concentration OK Flag)
—高怠速一氧化碳合格	bit	DET-FHCO (Fast Idle Carbon Monoxide Concentration OK Flag)
—高怠速碳氢化合物合格	bit	DET-FHHC (Fast Idle Hydrocarbon Concentration OK Flag)
—高速点火提前角合格	bit	DET-FILANH(Ignition Ahead Angle (Hi Rev) OK Flag)
—低速点火提前角合格	bit	DET-FILANL(Ignition Ahead Angle (Low Rev) OK Flag)
—中速点火提前角合格	bit	DET-FILANM(Ignition Ahead Angle (Medium Rev) OK Flag)
—所有左轮最大动不平衡	bit	DET-FIMBL (Maximum Imbalance Among All Left Wheels OK Flag)
—所有右轮最大动不平衡	bit	DET-FIMBR (Maximum Imbalance Among All Right Wheels OK Flag)
—平均点压合格	bit	DET-FIVTAV(Average Ignition Voltage OK Flag)
—点火高压最小值合格	bit	DET-FIVTLO(Lowest Ignition Voltage OK Flag)
—高速喷油提前角合格	bit	DET-FJLDAH(Injection Ahead Angle at Hi Rev OK Flag)
—低速喷油提前角合格	bit	DET-FJLDAL(Injection Ahead Angle at Low Rev OK Flag)
—中速喷油提前角合格	bit	DET-FJLDAM(Injection Ahead Angle at Medium Rev OK Flag)
—折合距离合格	bit	DET-FKMS (Calculated Distance When Odometer at 3000m OK Flag)
—漆膜光泽度合格	bit	DET-FLACQR(Lacquer Film Glossiness OK Flag)
—协调时间合格	bit	DET-FLAG (Brake Lag OK Flag)
—最低缸压比合格	bit	DET-FLCPRS(Lowest Cylinder Pressure Percentage OK Flag)
—左灯近光水平偏合格	bit	DET-FLDL-H(Left Dipped Beam Center Hor Offset OK Flag)
—左灯近光心高合格	bit	DET-FLDL-V(Left Dipped Headlight Beam Center Height OK Flag)
—右灯近光水平偏合格	bit	DET-FLDR-H(Right Dipped Beam Center Hor Offset OK Flag)
—右灯近光心高合格	bit	DET-FLDR-V(Right Dipped Headlight Beam Center Height OK Flag)

—左灯远光水平偏合格	bit	DET-FLHL-H(Left Far Beam Center Horiz Offset OK Flag)
—左灯远光亮度合格	bit	DET-FLHL-I(Left Headlight Far Beam Illumination OK Flag)
—左灯远光心高合格	bit	DET-FLHL-V(Left Far Headlight Beam Center Height OK Flag)
—右灯远光水平偏合格	bit	DET-FLHR-H(Right Far Beam Center Hor Offset OK Flag)
—右灯远光亮度合格	bit	DET-FLHR-I(Right Headlight Far Beam Illumination OK Flag)
—右灯远光心高合格	bit	DET-FLHR-V(Right Far Headlight Beam Center Height OK Flag)
—左内灯远光水平偏合格	bit	DET-FLIL-H(Left Internal Far Beam Horiz Offset OK Flag)
—左内灯远光亮度合格	bit	DET-FLIL-I(Left Internal Headlight Illumination OK Flag)
—左内灯远光心高合格	bit	DET-FLIL-V(Left Int Headlight Beam Center Height OK Flag)
—右内灯远光水平偏合格	bit	DET-FLIR-H(Right Int Beam Center Horiz Offset OK Flag)
—右内灯远光亮度合格	bit	DET-FLIR-I(Right Internal Headlight Illumination OK Flag)
—右内灯远光心高合格	bit	DET-FLIR-V(Right Int Headlight Beam Center Height OK Flag)
—LPG 泄漏合格	bit	DET-FLPGLK(LPG Leakage OK Flag)
—最低缸压合格	bit	DET-FMCPRS(Lowest Cylinder Pressure OK Flag)
—最大启动电流合格	bit	DET-FMXBTC(Max Starting Current OK Flag)
—大瓦响合格	bit	DET-FNGODD(Odd Noise of Engine Crankshaft Rim OK Flag)
—车内噪声合格	bit	DET-FNOISI(Inside Noise Level OK Flag)
—车外噪声合格	bit	DET-FNOISO(Outside Noise Level OK Flag)
—驻车制动因数合格	bit	DET-FPARK (Maximum Park Ratio OK Flag)
—平均闭合角合格	bit	DET-FPCANG(Platinum Close Angle OK Flag)
—活塞敲缸响合格	bit	DET-FPCODD(Odd Noise by Piston Beat Cylinder OK Flag)
—防尘性能合格	bit	DET-FPDUST(Dust Proof OK Flag)
—防雨性能合格	bit	DET-FPRAIN(Water Proof OK Flag)
—滑行阻力比合格	bit	DET-FRESIS(Slide Resistance Ratio OK Flag)
—最大单缸转速降合格	bit	DET-FSCHIS(Highest Down Rate of Rev – Cylinder Test OK Flag)
—最小单缸转速降合格	bit	DET-FSCLWS(Lowest Down Rate of Rev – Cylinder Test OK Flag)
—滑行距离合格	bit	DET-FSLIDD(Slide Distance OK Flag)
—前轴侧滑合格	bit	DET-FSLIPF(Side Slip of Front Wheels OK Flag)
—左前轮侧滑合格	bit	DET-FSLPFL(Side Slip of Left Front Wheel OK Flag)
—右前轮侧滑合格	bit	DET-FSLPFR(Side Slip of Right Front Wheel OK Flag)
—尾气光吸收度合格	bit	DET-FSMKAF(Smoke Light Absorbefacient OK Flag)
—烟度均值(Rb)合格	bit	DET-FSMOKE(Smoke Degree OK Flag)
—活塞销异响合格	bit	DET-RBBOD(Snib Noise of Piston & Connecting Rod OK Flag)
—喇叭声级声级合格	bit	DET-FSOUND(Horn Sound Level OK Flag)
—车速表差合格	bit	DET-FSPDO (Speedometer Deviation at 40km/h OK Flag)
—小瓦响合格	bit	DET-FSRODD(Odd Noise by Connecting Rod Rim OK Flag)
—左右轮转向角差合格	bit	DET-FSTRDF(Veer Angle Balance OK Flag)
—转向盘力值合格	bit	DET-FSTRFR(Steering Wheel Operation Force OK Flag)
—转向盘自由度角合格	bit	DET-FSTRTH(Maximum Free Angle of Steering Wheel OK Flag)
—所有左轮最大摆动量合格	bit	DET-FSWGL (Maximum Swing Among All Left Wheels OK Flag)
—所有右轮最大摆动量合格	bit	DET-FSWGR (Maximum Swing Among All Right Wheels OK Flag)
—左销内倾合格	bit	DET-FTRCKL(Tracking Difference Angle of Left Snib OK Flag)
—右销内倾合格	bit	DET-FTRCKR(Tracking Difference Angle of Right Snib OK Flag)

—真空度波动量合格	bit	DET-FVCMRP(Ripple of Manifold Vacuum OK Flag)
—最坏真空度合格	bit	DET-FVCMWS(Worst Manifold Vacuumity among Cylinders OK Flag)
—启动系与异响权重合格	bit	DET-FXBOOT(Starter and Odd Noise Check Result Weight OK Flag)
—传动系悬挂车架权重合格	bit	DET-FXCHAS(Transmission & Pendent & Chassis Check Result Weight)
—外检检查权重合格	bit	DET-FXCHCK(Visual Outside Check Result Weight OK Flag)
—连接件密封性权重合格	bit	DET-FXCONN(Connecting part tightness Check Result Weight OK Flag)
—最高缸压合格	bit	DET-FXCPRS(Highest Cylinder Pressure OK Flag)
—车身装饰权重合格	bit	DET-FXDECO(Ornament Check Result Weight OK Flag)
—门窗权重合格	bit	DET-FXDOOR(Door & Window Check Result Weight OK Flag)
—仪表与信号装置权重合格	bit	DET-FXINST(Instruments Check Result Weight OK Flag)
—润滑权重合格	bit	DET-FXLUBE(Lube System Check Result Weight OK Flag)
—转向与制动装置权重合格	bit	DET-FXSTER(Steering & Brake Check Result Weight OK Flag)
—轮胎权重合格	bit	DET-FXTYRE(Tyre Check Result Weight OK Flag)
—整车装备权重合格	bit	DET-FXWHOL(Whole Check Result Weight OK Flag)
—制动点间隔	real	DET-INTVLB(Time Interval between Brake Data Points (s))
—复检次数	smallint	DET-ITERAT(Detection Iterations for the Examination)
—总控员名	char(10)	DET-MCENTR(Central Room Operator's Name)
—底盘检查员名	char(10)	DET-MCHASS(Chassis Inspector's Name)
—技术负责人名	char(10)	DET-MCHECK(Chief Inspector's Name)
—引车员名	char(10)	DET-MDRIVE(Driver's Name)
—排放检测员名	char(10)	DET-MEXHAU(Exhaust Inspector's Name)
—外观检查员名	char(10)	DET-MFIELD(Field Inspector's Name)
—登录员名	char(10)	DET-MGREFF(Greffier's Name)
—状态标志	bit	DET-OK (Status Flag)
—制动点数	int	DET-POINTB(Points of Brake Data)
—检测价格	money	DET-PRICE (Detection's Cost)
—报告管理编号	char(12)	DET-PRNTNO(Printing SN).
—底盘功比级别	tinyint	DET-RCHSPW(Chassis Maximum Output Power Ratio (%) Rank)
—等速油比级别	tinyint	DET-RFUELC(Fuel Consumption Ratio (%) Rank)
—发动机功比级别	tinyint	DET-RNGNPW(Engine's Maximum Output Power Ratio (%) Rank)
—检测车轮定位	bit	DET-TALIGN(Alignment of Wheels Detect Flag)
—检测模拟加速工况	bit	DET-TASM (Acceleration Simulation Mode Detect Flag)
—检测车身周正	bit	DET-TASYMM(Body's Asymmetry Detect Flag)
—检测轴距差	bit	DET-TBASED(Axle Base Symmetry Difference Detect Flag)
—检测启动系	bit	DET-TBOOT (Starter System Detect Flag)
—检测制动踏板行程	bit	DET-TBPTHR(Brake Pedal Throw Detect Flag)
—检测行车制动	bit	DET-TBRAKE(Brake Performance Detect Flag)
—检测底盘功率	bit	DET-TCHPOW(Chassis Output Power Detect Flag)
—检测离合器力	bit	DET-TCLCHF(Clutch Operation Force Detect Flag)
—检测单缸漏气	bit	DET-TCLEAK(Gas Leakage of Cylinders Detect Flag)
—检测离合行程	bit	DET-TCLTCH(Clutch Pedal/Lever Throw Detect Flag)
—检测曲轴箱窜气	bit	DET-TCRKLK(Crankcase Gas Leakage Detect Flag)
—检测连杆异响	bit	DET-TCRODD(Rim Odd Noise of Connecting Rod Detect Flag)

—检测底盘间隙	bit	DET-TCSCLR(Chassis Crevices Detect Flag)
—检测曲轴异响	bit	DET-TCSODD(Rim Odd Noise of Crankshaft Detect Flag)
—检测气缸压力	bit	DET-TCYLDP(Cylinder Pressures Detect Flag)
—检测单缸动力	bit	DET-TCYPOW(Single Cylinder Power Detect Flag)
—检测分电器	bit	DET-TDISTR(Engine Ignition Distributor Detect Flag)
—检测车轮动平衡	bit	DET-TDYNAM(Tyre Dynamic Imbalances Detect Flag)
—检测等速油耗	bit	DET-TEFUEL(Equivelocity Fuel Consumption Detect Flag)
—检测发动机电喷系	bit	DET-TENGCI(Engine Computerized Inject Subsystem Detect Flag)
—检测发动机加速时间	bit	DET-TESPDU(Engine Revup Time Detect Flag)
—检测水油温度	bit	DET-TETEMP(Engine Operation Temperatures Detect Flag)
—检测供油压力	bit	DET-TFPRSR(Fuel Pressures of Diesel Detect Flag)
—检测燃料消耗	bit	DET-TFUELS(Multi – condition Fuel Consumption Detect Flag)
—检测废气	bit	DET-TGAS (Exhaust Gas Detect Flag)
—检测点火提前	bit	DET-TGLANG(Ignition Ahead Angle Detect Flag)
—检测配气相位	bit	DET-TGMPHS(Phases of Intake & Release Valves Detect Flag)
—检测喇叭声级	bit	DET-THORN (Horn Sound Level Detect Flag)
—检测喷油状况	bit	DET-TINJCT(Fuel Injector Status of Diesel Detect Flag)
—检测点火高压	bit	DET-TIVOLT(Ignition Voltages Detect Flag)
—检测喷油提前	bit	DET-TJLANG(Injection Ahead Angle of Diesel Detect Flag)
—检测漆膜光洁度	bit	DET-TLACQR(Lacquer Film Glossiness Detect Flag)
—检测左主灯	bit	DET-TLAMPL(Left Host Headlight Detect Flag)
—检测右主灯	bit	DET-TLAMPR(Right Host Headlight Detect Flag)
—检测左内灯	bit	DET-TLMPIL(Left Internal Headlight Detect Flag)
—检测右内灯	bit	DET-TLMPIR(Right Internal Headlight Detect Flag)
—检测 LPG 泄漏	bit	DET-TLPGLK(LPG Leakage Detect Flag)
—检测机油污染	bit	DET-TLUBPL(Lube Pollution Detect Flag)
—检测机油压力	bit	DET-TLUBPR(Lube Pressure Detect Flag)
—检测机油油品	bit	DET-TLUBQL(Lube Quality Analysis Detect Flag)
—检测发动机功率	bit	DET-TNGPOW(Engine Output Power Detect Flag)
—检测最大转矩	bit	DET-TNGTRQ(Engine Maximum Torque Detect Flag)
—检测车内噪声	bit	DET-TNOISI(Inside Noise Detect Flag)
—检测车外噪声	bit	DET-TNOISO(Outside Noise Detect Flag)
—检测里程表	bit	DET-TODO (Odometer Item Detect Flag)
—检测驻车制动	bit	DET-TPARK (Park Force Detect Flag)
—检测敲缸异响	bit	DET-TPCODD(Odd Noise of Piston Beat Cylinder Detect Flag)
—检测防尘密封	bit	DET-TPDUST(Prevent Dust Ability Detect Flag)
—检测驻车储备行程	bit	DET-TPLTHR(Park Lever Throw Detect Flag)
—检测悬架减振效率	bit	DET-TPNDNT(Pendent Absorb Efficiency Detect Flag)
—检测防雨密封	bit	DET-TPRAIN(Prevent Rain Ability Detect Flag)
—检测活塞销异响	bit	DET-TPSODD(Snib Odd Noise of Piston and Connecting Rod Detect Flag)
—检测充电系	bit	DET-TRCHRG(Recharge Generator Performance Detect Flag)
—检测转向盘力	bit	DET-TSFORC(Steering Wheel Operation Force Detect Flag)
—检测滑行距离	bit	DET-TSLIDD(Slide Distance Detect Flag)

—检测滑行阻力	bit	DET-TSLIDR(Slide Resistance Detect Flag)
—检测前轮侧滑	bit	DET-TSLIPF(Side Slip of Front Wheels Detect Flag)
—检测各轴侧滑	bit	DET-TSLIPS(Side Slip of All of Axles Detect Flag)
—检测排气消光度	bit	DET-TSMKLA(Smoke Light Absorbency Detect Flag)
—检测烟度	bit	DET-TSMOKE(Smoke Degree Detect Flag)
—检测速度表	bit	DET-TSPDO (Speedometer Detect Flag)
—检测整车加速时间	bit	DET-TSPDUP(Speedup Time Detect Flag)
—检测小瓦响	bit	DET-TSRODD(Odd Noise of Connecting Rod Rim Detect Flag)
—检测转向盘自由度	bit	DET-TSWFRE(Steering Wheel Maximum Free Angle Detect Flag)
—检测车轮摆动	bit	DET-TSWING(Wheel Swings Detect Flag)
—检测转弯直径	bit	DET-TTDIAM(Turning Diameter Detect Flag)
—检测传动游隙	bit	DET-TTVACI(Transmission System Vacillations Detect Flag)
—检测轮胎气压	bit	DET-TTYREP(Tyre Gas Pressures Detect Flag)
—检测歧管真空	bit	DET-TVACUM(Exhaust Manifold Vacuum Detect Flag)
—检测转向角	bit	DET-TVEER (Veer Angle Detect Flag)
—检测底盘外检	bit	DET-TVISLC(Eyeballing under Chassis Detect Flag)
—检测外观检查	bit	DET-TVISLF(Eyeballing at Field Detect Flag)
—检测气门异响	bit	DET-TVVODD(Odd Noise of Cylinder Valves Detect Flag)

A.5 整车指标数据信息表

整车指标数据信息表 Targets(检测站→管理部门)应包括以下栏目：

—检测流水号	int	DETECT-ID (Test ID in Queue→DETECTS. DETECT-ID)
—车身对称差	real	TAR-IASYBD(Height Symmetric Difference of Auto Body)
—保险杠对称差	real	TAR-IASYBP(Height Symmetric Difference of Bumper)
—驾驶室对称差	real	TAR-IASYCB(Symmetric Difference of Driver's Cab)
—翼子板对称差	real	TAR-IASYWG(Symmetric Difference of Wing Boards)
—启末电流	real	TAR-IBECNT(End Starting Current (A))
—启末电压	real	TAR-IBEVLT(End Battery Voltage (V))
—启初转速	real	TAR-IBIRSP(Initial Starting Rev (r/min))
—电瓶电压	real	TAR-IBIVLT(Initial Battery Voltage (V))
—启动中途电流	real	TAR-IBMCNT(Starting Midway Current (A))
—启动中途电压	real	TAR-IBMVLT(Starting Midway Battery Voltage (V))
—整车制动因数	real	TAR-IBRAKE(Maximum Brakeage Ratio (%))
—制动行程	char(10)	TAR-IBRKTH(Brake Pedal Throw (mm))
—前制动因数	real	TAR-IBSUMF(Front Axle Maximum Brakeage Ratio (%))
—启动压降	real	TAR-IBTVTD(Decrement of Starting Voltage (V))
—左销后倾	real	TAR-ICASTL(Left Snib Caster Angle)
—右销后倾	real	TAR-ICASTR(Right Snib Caster Angle)
—高速离心提前角	real	TAR-ICFLGH(Centrifugal Ignition Ahead Angle (Hi Rev) (Degree))
—低速离心提前角	real	TAR-ICFLGL(Centrifugal Ignition Ahead Angle (Low Rev) (Degree))
—中速离心提前角	real	TAR-ICFLGM(Centrifugal Ignition Ahead Angle (Medium Rev) (Degree)
—节气门电压	real	TAR-ICHOKE(Choker Sensor Voltage)
—底盘检查权重	real	TAR-ICHSIS(Chassis Eyeballing Result Weight)
—底盘功比	real	TAR-ICHSPW(Chassis Maximum Output Power Ratio (%))

—离合器力	real	TAR-ICLCFR(Clutch Pedal/Lever Operation Force (N))
—离合行程	char(10)	TAR-ICLCTH(Clutch Pedal Throw (mm))
—1 档游隙	real	TAR-ICLRG1(Vacillation Clearance of Gear 1st (mm))
—2 档游隙	real	TAR-ICLRG2(Vacillation Clearance of Gear 2nd (mm))
—3 档游隙	real	TAR-ICLRG3(Vacillation Clearance of Gear 3rd (mm))
—4 档游隙	real	TAR-ICLRG4(Vacillation Clearance of Gear 4th (mm))
—5 档游隙	real	TAR-ICLRG5(Vacillation Clearance of Gear 5th (mm))
—6 档游隙	real	TAR-ICLRG6(Vacillation Clearance of Gear 6th (mm))
—7 档游隙	real	TAR-ICLRG7(Vacillation Clearance of Gear 7th (mm))
—8 档游隙	real	TAR-ICLRG8(Vacillation Clearance of Gear 8th (mm))
—倒档游隙	real	TAR-ICLRGB(Vacillation Clearance of Back Gear (mm))
—后桥游隙	real	TAR-ICLRRB(Clearance of Rear Bridge (mm))
—传轴游隙	real	TAR-ICLRSF(Vacillation Clearance of Shaft (mm))
—平均缸压	real	TAR-ICPAVE(Average Pressure of Cylinders (kPa))
—气缸压差	real	TAR-ICPDIF(Max Pressure Difference of Cylinders)
—怠速最大充压充流	real	TAR-ICRGIC(Current at Idle Rev Max Recharge Voltage)
—怠速最大充压转速	real	TAR-ICRGIR(Rev at Idle Max Recharge Voltage(Rpm))
—怠速最大充压	real	TAR-ICRGIV(Max Recharge Voltage at Idle Rev)
—中速最大充压充流	real	TAR-ICRGMC(Current at Medium Rev Max Recharge Voltage(A))
—中速最大充压转速	real	TAR-ICRGMR(Rev at Medium Rev Max Recharge Voltage(Rpm))
—中速最大充压	real	TAR-ICRGMV(Max Recharge Voltage at Medium Rev (V))
—曲轴箱窜气量	real	TAR-ICRKLK(Crankcase Gas Leakage (l/min))
—连杆异响	char(10)	TAR-ICRODD(Connecting Rod Rim Odd Noise)
—底盘间隙	char(10)	TAR-ICSCLR(Chassis Clearances)
—单缸转速降平衡	real	TAR-ICSDBL(Single－Cylinder－off Rev Slowdown Balance)
—轴距对称差	real	TAR-IDIFWB(Symmetric Difference of Wheel Base)
—分电器重叠角	real	TAR-IDOVER(Ignition Distributor Overlay Angle (Degree))
—整车最大阻滞率	real	TAR-IDRAG (Max Wheel Drag Ratio (%))
—发动机转速下降时间	real	TAR-IEDNTM(Engine Rev Slow Down Time)
—等燃耗 1	real	TAR-IEOIL1(Fuel Consumption at Equivelocity 1)
—等燃耗 2	real	TAR-IEOIL2(Fuel Consumption at Equivelocity 2)
—等燃耗 3	real	TAR-IEOIL3(Fuel Consumption at Equivelocity 3)
—等燃耗 4	real	TAR-IEOIL4(Fuel Consumption at Equivelocity 4)
—等燃耗 5	real	TAR-IEOIL5(Fuel Consumption at Equivelocity 5)
—等燃耗 6	real	TAR-IEOIL6(Fuel Consumption at Equivelocity 6)
—发动机加速时间	real	TAR-IESPDP(Engine Revup Time)
—发动机最大转速	real	TAR-IESPIN(Engine Rev (r/min))
—外观检查权重	real	TAR-IFIELD(Field Eyeballing Result Weight)
—关闭供油压力	real	TAR-IFSPPC(Fuel Supply Pressure when Injector Close (MPa))
—最大供油压力	real	TAR-IFSPPM(Maximum Fuel Supply Pressure (MPa))
—开启供油压力	real	TAR-IFSPPO(Fuel Supply Pressure when Injector Open (MPa))
—残余供油压力	real	TAR-IFSPPR(Fuel Pressure Remain (MPa))
—全速燃耗	real	TAR-IFUELB(Full Speed Fuel Consumption)

—等速油比	real	TAR-IFUELC(Fuel Consumption Ratio (%))
—油耗测量平均阻力	real	TAR-IFULRA(Average Resistance in Fuel Measurement Process)
—油耗测量最高阻力	real	TAR-IFULRH(Max Resistance in Fuel Measurement Process)
—油耗测量最低阻力	real	TAR-IFULRL(Min Resistance in Fuel Measurement Process)
—油耗测量平均速度	real	TAR-IFULSA(Average Speed in Fuel Measurement Process)
—油耗测量最高速度	real	TAR-IFULSH(Max Speed in Fuel Measurement Process)
—油耗测量最低速度	real	TAR-IFULSL(Min Speed in Fuel Measurement Process)
—怠速一氧化碳	real	TAR-IGCO (Carbon Monoxide Concentration (%))
—怠速二氧化碳	real	TAR-IGCO2 (Carbon Dioxide Concentration (%))
—怠速碳氢化合物	real	TAR-IGHC (Hydrocarbon Concentration (ppm))
—怠速氮氧化合物	real	TAR-IGNO (Nitrous Monoxide(ppm))
—怠速氧气含量	real	TAR-IGO2 (Oxygen Concentration(%))
—高怠速一氧化碳	real	TAR-IHCO (Fast Idle Carbon Monoxide Concentration (%))
—高怠速二氧化碳	real	TAR-IHCO2 (Fast Idle Carbon Dioxide Concentration (%))
—高怠速碳氢化合物	real	TAR-IHHC (Fast Idle Hydrocarbon Concentration (ppm))
—高怠速空燃比率	real	TAR-IHLMDA(Fast Idle Mix Ratio of Air over Fuel)
—高怠速氮氧化合物	real	TAR-IHNO (Fast Idle Nitrous Monoxide(ppm))
—高怠速氧气含量	real	TAR-IHO2 (Fast Idle Oxygen Concentration(%))
—高速点火提前角	real	TAR-IILANH(Ignition Ahead Angle (Hi Rev) (Degree))
—低速点火提前角	real	TAR-IILANL(Ignition Ahead Angle (Low Rev) (Degree))
—中速点火提前角	real	TAR-IILANM(Ignition Ahead Angle (Medium Rev) (Degree))
—所有左轮最大动不平衡	real	TAR-IIMBL (Maximum Imbalance Among All Left Wheels)
—所有右轮最大动不平衡	real	TAR-IIMBR (Maximum Imbalance Among All Right Wheels)
—点火高压不匀度	real	TAR-IIVLTD(Max Ignition Voltage Difference)
—平均点压	real	TAR-IIVTAV(Average Ignition Voltage (kV))
—点火高压最小值	real	TAR-IIVTLO(Lowest Ignition Voltage)
—高速喷油提前角	real	TAR-IJLDAH(Injection Ahead Angle at Hi Rev (degree))
—低速喷油提前角	real	TAR-IJLDAL(Injection Ahead Angle at Low Rev (degree))
—中速喷油提前角	real	TAR-IJLDAM(Injection Ahead Angle at Medium Rev (degree))
—喷油占空比	real	TAR-IJTDTY(Injector Sensor Pulse Duty Ratio)
—喷油脉冲频率	real	TAR-IJTFRE(Injector Sensor Pulse Frequency)
—折合距离	real	TAR-IKMS (Calculated Distance When Odometer at 3000m)
—漆膜光泽度	real	TAR-ILACQR(Lacquer Film Glossiness)
—协调时间	real	TAR-ILAG (Brake Lag (s))
—最低缸压比	real	TAR-ILCPRS(Lowest Cylinder Pressure Percentage(%))
—左灯近光水平偏	real	TAR-ILDL-H(Left Dipped Beam Center Hor Offset (cm/dam))
—左灯近光亮度	real	TAR-ILDL-I(Left Dipped Headlight Illumination (cd))
—左灯近光光心高度	real	TAR-ILDL-V(Left Dipped Headlight Beam Center Height (H))
—右灯近光水平偏	real	TAR-ILDR-H(Right Dipped Beam Center Hor Offset (cm/dam))
—右灯近光亮度	real	TAR-ILDR-I(Right Dipped Headlight Illumination (cd))
—右灯近光心高	real	TAR-ILDR-V(Right Dipped Headlight Beam Center Height (H))
—多工况燃耗	real	TAR-ILFUEL(Limit Condition Average Fuel Consumption)
—左灯远光水平偏	real	TAR-ILHL-H(Left Far Beam Center Horiz Offset (cm/dam))

—左灯远光亮度	real	TAR-ILHL-I(Left Headlight Far Beam Illumination (cd))
—左灯远光心高	real	TAR-ILHL-V(Left Far Headlight Beam Center Height (H))
—右灯远光水平偏	real	TAR-ILHR-H(Right Far Beam Center Hor Offset (cm/dam))
—右灯远光亮度	real	TAR-ILHR-I(Right Headlight Far Beam Illumination (cd))
—右灯远光心高	real	TAR-ILHR-V(Right Far Headlight Beam Center Height (H))
—左内灯远光水平偏	real	TAR-ILIL-H(Left Internal Far Beam Horiz Offset (cm/dam))
—左内灯远光亮度	real	TAR-ILIL-I(Left Internal Headlight Illumination (cd))
—左内灯远光心高	real	TAR-ILIL-V(Left Int Headlight Beam Center Height (H))
—右内灯远光水平偏	real	TAR-ILIR-H(Right Int Beam Center Horiz Offset (cm/dam))
—右内灯远光亮度	real	TAR-ILIR-I(Right Internal Headlight Illumination (cd))
—右内灯远光心高	real	TAR-ILIR-V(Right Int Headlight Beam Center Height (H))
—怠速空燃比率	real	TAR-ILMBDA(Ratio of Mix Ratio of Air over Fuel)
— LPG 泄漏	real	TAR-ILPGLK(LPG Leakage)
—机油温度	real	TAR-ILTEMP(Lube Temperature)
—高速机油压力	real	TAR-ILUBFP(Lube Pressure at High Rev)
—怠速机油压力	real	TAR-ILUBIP(Lube Pressure at Idle Rev)
—中速机油压力	real	TAR-ILUBMP(Lube Pressure at Medium Rev)
—机油污染	real	TAR-ILUBPL(Pollution Situation of Lube)
—润滑油介电常数	real	TAR-ILUBQL(Lube Quality Analysis)
—最低缸压	real	TAR-IMCPRS(Lowest Cylinder Pressure (kPa))
—多工燃耗	real	TAR-IMTOIL(Multiple Conditions Fuel Consumption)
—最大启动电流	real	TAR-IMXBTC(Max Starting Current (A))
—底盘最大转矩	real	TAR-IMXTRQ(Max Torque)
—最大扭力	real	TAR-IMXTWS(Engine's Max Twist Force)
—发动机功率与额定值之比	real	TAR-INGNPW(Engine Power Over Rated Value(%))
—大瓦响	char(10)	TAR-INGODD(Odd Noise of Engine Crankshaft Rim)
—车内噪声	real	TAR-INOISI(Inside Noise Level (dB(A)))
—车外噪声	real	TAR-INOISO(Outside Noise Level (dB(A)))
—驻车制动因数	real	TAR-IPARK (Maximum Park Ratio (%))
—平均闭合角	real	TAR-IPCANG(Platinum Close Angle (Degree))
—活塞敲缸响	char(10)	TAR-IPCODD(Odd Noise by Piston Beat Cylinder)
—防尘性能	char(10)	TAR-IPDUST(Dust Proof)
—防雨性能	char(10)	TAR-IPRAIN(Water Proof)
—驻车储备	char(10)	TAR-IPRKTH(Spare Throw for Parking Lever (mm))
—滑行阻力比	real	TAR-IRESIS(Slide Resistance Ratio(%))
—最大单缸转速降	real	TAR-ISCHIS(Highest Slow Down Ratio of Rev - Cylinder Test)
—最小单缸转速降	real	TAR-ISCLWS(Lowest Slow Down Ratio of Rev - Cylinder Test)
—滑行时间	real	TAR-ISLDTM(Slide Time (s))
—滑行距离	real	TAR-ISLIDD(Slide Distance (m))
—前轴侧滑	real	TAR-ISLIPF(Side Slip of Front Wheels (mm/m))
—左前轮侧滑	real	TAR-ISLPFL(Side Slip of Left Front Wheel(mm/m))
—右前轮侧滑	real	TAR-ISLPFR(Side Slip of Right Front Wheel (mm/m))
—尾气光吸收度	real	TAR-ISMKAF(Smoke Light Absorbency (/m))

—烟度均值(Rb)	real	TAR-ISMKRB(Smoke Degree (Rb))
—烟度均值(FSN)	real	TAR-ISMOKE(Smoke Degree (FSN))
—活塞销异响	char(10)	TAR-ISNBOD(Snib Noise of Piston & Connecting Rod)
—喇叭声级	real	TAR-ISOUND(Horn Sound Level (dB(A)))
—车速表差	real	TAR-ISPDO (Speedometer Deviation (%) at 40km/h)
—底盘加速时间	real	TAR-ISPDTM(Speedup Time (s))
—小瓦响	char(10)	TAR-ISRODD(Odd Noise by Connecting Rod Rim)
—左右轮转向角差	real	TAR-ISTRDF(Veer Angle Balance)
—转向盘力值	real	TAR-ISTRFR(Steering Wheel Operation Force (N))
—左内转向角	real	TAR-ISTRLI(Max Inside Veer Angle of Left Wheel)
—左外转向角	real	TAR-ISTRLO(Max Outside Veer Angle of Left Wheel)
—右内转向角	real	TAR-ISTRRI(Max Inside Veer Angle of Right Wheel)
—右外转向角	real	TAR-ISTRRO(Max Outside Veer Angle of Right Wheel)
—转向盘自由角	real	TAR-ISTRTH(Maximum Free Angle of Steering Wheel)
—所有左轮最大摆动量	real	TAR-ISWGL (Maximum Swing Among All Left Wheels)
—所有右轮最大摆动量	real	TAR-ISWGR (Maximum Swing Among All Right Wheels)
—转速占空比	real	TAR-ITCDTY(Tachometer Sensor Pulse Duty Ratio)
—转速脉冲频率	real	TAR-ITCFRE(Tachometer Sensor Pulse Frequency)
—转弯直径	real	TAR-ITDIAM(Turning Diameter Value)
—左销内倾	real	TAR-ITRCKL(Tracking Difference Angle of Left Snib)
—右销内倾	real	TAR-ITRCKR(Tracking Difference Angle of Right Snib)
—高速真空提前角	real	TAR-IVCLGH(Vacuum Ignition Ahead Angle (Hi Rev) (Degree))
—低速真空提前角	real	TAR-IVCLGL(Vacuum Ignition Ahead Angle (Low Rev) (Degree))
—中速真空提前角	real	TAR-IVCLGM(Vacuum Ignition Ahead Angle (Medium Rev) (Degree))
—真空度波动量	real	TAR-IVCMRP(Ripple of Manifold Vacuum(kPa))
—最坏真空度	real	TAR-IVCMWS(Worst Manifold Vacuum among Cylinders(kPa))
—卡门流量电压	real	TAR-IVKARM(Karmen Volume Meter Sensor Voltage)
—热线流量电压	real	TAR-IVLINE(Hot Line Volume Meter Sensor Voltage)
—冷却水温	real	TAR-IWTEMP(Cooling Water Temperature)
—启动系与异响权重	real	TAR-IXBOOT(Starter and Odd Noise Check Result Weight)
—传动系悬挂车架权重	real	TAR-IXCHAS(Transmission & Pendent & Chassis Check Result Weight)
—外检检查权重	real	TAR-IXCHCK(Visual Outside Check Result Weight)
—连接件密封性权重	real	TAR-IXCONN(Connecting part tightness Check Result Weight)
—最高缸压	real	TAR-IXCPRS(Highest Cylinder Pressure (kPa))
—车身装饰权重	real	TAR-IXDECO(Ornament Check Result Weight)
—门窗权重	real	TAR-IXDOOR(Door & Window Check Result Weight)
—仪表与信号装置权重	real	TAR-IXINST(Instruments Check Result Weight)
—润滑权重	real	TAR-IXLUBE(Lube System Check Result Weight)
—转向与制动装置权重	real	TAR-IXSTER(Steering & Brake Check Result Weight)
—轮胎权重	real	TAR-IXTYRE(Tyre Check Result Weight)
—整车装备权重	real	TAR-IXWHOL(Whole Check Result Weigh

A.6 整车原始数据信息表

整车原始数据信息表 Prehens(检测站→管理部门)应包括以下栏目：

—检测流水号	int	DETECT-ID (Test ID in Queue→DETECTS. DETECT-ID)
—整车加速终止速度	real	PRE-VACCND(End Speed For Measure Acceleration Performance)
—整车加速起始速度	real	PRE-VACCST(Begin Speed For Measure Acceleration Performance)
—总制动力	real	PRE-VBRAKE(Total Brakeage)
—启动转速标准低限	real	PRE-VBRSSL(Starting Rev Std Low)
—启动电流标准低限	real	PRE-VBTCSL(Starting Current Std Low)
—启动电压标准低限	real	PRE-VBTVSL(Starting Voltage Std Low)
—电瓶压降标准高限	real	PRE-VBVDSH(Battery Voltage Down When Starting Std Hi)
—电瓶电压标准低限	real	PRE-VBYVSL(Battery Voltage Std Low)
—底盘检查	varchar(200)	PRE-VCHSIS(Chassis Eyeballing Fail Items)
—关闭油压标准高限	real	PRE-VCOPSH(Fuel Pressure When Close Std Hi)
—关闭油压标准低限	real	PRE-VCOPSL(Fuel Pressure When Close Std Low)
—底盘输出功率	real	PRE-VCSPOW(Chassis Maximum Power Output (kW))
—额定底盘输出功率	real	PRE-VCSPWR(Chassis Rated Output Power (kW))
—气缸压力标准低限	real	PRE-VCYPSL(Cylinder Pressure Std Low)
—重叠角标准高限	real	PRE-VDOASH(Distributor Overlay Angle Std Hi)
—烟度值一(Rb)	real	PRE-VDSRB1(Smoke Density Sampling Value 1 (Rb))
—烟度值二(Rb)	real	PRE-VDSRB2(Smoke Density Sampling Value 2 (Rb))
—烟度值三(Rb)	real	PRE-VDSRB3(Smoke Density Sampling Value 3 (Rb))
—发动机加速时间标准高限	real	PRE-VEUTSH(Engine Revup Time Std Hi)
—外观检查	varchar(200)	PRE-VFIELD(Field Eyeballing Fail Items)
—油耗飞轮状态	tinyint	PRE-VFLYWH(Fly Wheel Status)
—等速油耗 1	real	PRE-VFUEL1(The 1st Fuel Consumption in 100km at 50km/h Mono-Speed)
—等速油耗 2	real	PRE-VFUEL2(The 2nd Fuel Consumption in 100km at 50km/h Mono-Speed)
—等速油耗 3	real	PRE-VFUEL3(The 3rd Fuel Consumption in 100km at 50km/h Mono-Speed)
—等速油耗	real	PRE-VFUELC(Actual Fuel Consumption in 100km at 50km/h Mono-Speed)
—油耗测量阻力	real	PRE-VFUELF(Resistance for Measure Equivelocity Fuel Consumption)
—额定等速油耗	real	PRE-VFUELR(Rated Fuel Consumption in 100km at 50km/h Mono-Speed)
—油耗测量速度	real	PRE-VFUELV(Speed for Measure Equivelocity Fuel Consumption)
—怠速最低二氧化碳	real	PRE-VGCO2L(Idle Minimum Carbon Dioxide Concentration (%))
—怠速最高二氧化碳	real	PRE-VGCO2U(Idle Maximum Carbon Dioxide Concentration (%))
—怠速最低一氧化碳	real	PRE-VGCOL (Idle Minimum Carbon Monoxide Concentration (%))
—怠速最高一氧化碳	real	PRE-VGCOU (Idle Maximum Carbon Monoxide Concentration (%))
—怠速最低碳氢化物	real	PRE-VGHCL (Idle Minimum Hydrocarbon Concentration (ppm))
—怠速最高碳氢化物	real	PRE-VGHCU (Idle Maximum Hydrocarbon Concentration (ppm))
—怠速最低空燃比	real	PRE-VGLMDL(Idle Minimum Lambda)
—怠速最高空燃比	real	PRE-VGLMDU(Idle Maximum Lambda)
—怠速最低氮氧化物	real	PRE-VGNOL (Idle Minimum Nitrous Monoxide(ppm))
—怠速最高氮氧化物	real	PRE-VGNOU (Idle Maximum Nitrous Monoxide(ppm))
—怠速氧气最低浓度	real	PRE-VGO2L (Idle Minimum Oxygen Concentration(%))
—怠速氧气最高浓度	real	PRE-VGO2U (Idle Maximum Oxygen Concentration(%))
—高怠速最低二氧化碳	real	PRE-VHCO2L(Fast Idle Minimum Carbon Dioxide Concentration (%))
—高怠速最高二氧化碳	real	PRE-VHCO2U(Fast Idle Maximum Carbon Dioxide Concentration (%))

—高怠速最低一氧化碳	real	PRE-VHCOL (Fast Idle Minimum Carbon Monoxide Concentration (%)
—高怠速最高一氧化碳	real	PRE-VHCOU (Fast Idle Maximum Carbon Monoxide Concentration (%)
—高怠速最低碳氢化物	real	PRE-VHHCL (Fast Idle Minimum Hydrocarbon Concentration (ppm))
—高怠速最高碳氢化物	real	PRE-VHHCU (Fast Idle Maximum Hydrocarbon Concentration (ppm))
—高怠速最低氮氧化物	real	PRE-VHNOL (Fast Idle Minimum Nitrous Monoxide(ppm))
—高怠速最高氮氧化物	real	PRE-VHNOU (Fast Idle Maximum Nitrous Monoxide(ppm))
—高怠速氧气最低浓度	real	PRE-VHO2L (Fast Idle Minimum Oxygen Concentration(%))
—高怠速氧气最高浓度	real	PRE-VHO2U (Fast Idle Maximum Oxygen Concentration(%))
—高速提前角转速	real	PRE-VIAHRS(Rev when Hi Rev Ignition Ahead Angle)
—低速提前角转速	real	PRE-VIALRS(Rev when Low Rev Ignition Ahead Angle)
—中速提前角转速	real	PRE-VIAMRS(Rev when Medium Rev Ignition Ahead Angle)
—高速点火提前角标准高	real	PRE-VILHSH(Ignition Ahead Angle at Hi Rev Std Hi)
—高速点火提前角标准低	real	PRE-VILHSL(Ignition Ahead Angle at Hi Rev Std Low)
—低速点火提前角标准高	real	PRE-VILLSH(Ignition Ahead Angle at Low Rev Std Hi)
—低速点火提前角标准低	real	PRE-VILLSL(Ignition Ahead Angle at Low Rev Std Low)
—中速点火提前角标准高	real	PRE-VILMSH(Ignition Ahead Angle at Medium Rev Std Hi)
—中速点火提前角标准低	real	PRE-VILMSL(Ignition Ahead Angle at Medium Rev Std Low)
—进气门关闭角标准高限	real	PRE-VIVCSH(Intake Valve Close Phase Std Hi)
—进气门关闭角标准低限	real	PRE-VIVCSL(Intake Valve Close Phase Std Low)
—进气门开启角标准高限	real	PRE-VIVOPH(Intake Valve Open Phase Std Hi)
—进气门开启角标准低限	real	PRE-VIVOPL(Intake Valve Open Phase Std Low)
—点火高压标准高限	real	PRE-VIVTSH(Ignition Voltage Std Hi)
—点火高压标准低限	real	PRE-VIVTSL(Ignition Voltage Std Low)
—高速喷油提前角标准高	real	PRE-VJLHSH(Injection Ahead Angle at Hi Rev Std Hi)
—高速喷油提前角标准低	real	PRE-VJLHSL(Injection Ahead Angle at Hi Rev Std Low)
—低速喷油提前角标准高	real	PRE-VJLLSH(Injection Ahead Angle at Low Rev Std Hi)
—低速喷油提前角标准低	real	PRE-VJLLSL(Injection Ahead Angle at Low Rev Std Low)
—中速喷油提前角标准高	real	PRE-VJLMSH(Injection Ahead Angle at Medium Rev Std Hi)
—中速喷油提前角标准低	real	PRE-VJLMSL(Injection Ahead Angle at Medium Rev Std Low)
—前照灯离地高度	real	PRE-VLAMPH(Lamp Position Height (mm))
—左灯近光垂直偏	real	PRE-VLDL-V(Left Dipped Beam Vertical Offset (cm/dam))
—右灯近光垂直偏	real	PRE-VLDR-V(Right Dipped Beam Vertical Offset (cm/dam))
—左主远光垂直偏	real	PRE-VLHL-V(Left Host Far Beam Vertical Offset (cm/dam))
—左主灯测量灯高	real	PRE-VLHLHI(Position Height of Left Host Light)
—右主远光垂直偏	real	PRE-VLHR-V(Right Host Far Beam Vertical Offset (cm/dam))
—右主灯测量灯高	real	PRE-VLHRHI(Position Height of Right Host Light)
—左内灯远光垂直偏	real	PRE-VLIL-V(Left Internal Far Beam Ver. Offset (cm/dam))
—左内灯测量灯高	real	PRE-VLILHI(Position Height of Left Inner Light)
—右内灯远光垂直偏	real	PRE-VLIR-V(Right Internal Far Beam Ver. Offset (cm/dam))
—右内灯测量灯高	real	PRE-VLIRHI(Position Height of Right Inner Light)
—配气测量转速	real	PRE-VMIXRS(Rev when Measure Gas Mix Phases)
—最大油压标准低限	real	PRE-VMOPSL(Max Fuel Pressure Std Low)
—发动机功率	real	PRE-VNGPOW(Engine's Maximum Power Output (kW))

—发动机功率 1	real	PRE-VNGPW1(The 1st Engine's Maximum Power Output (kW))
—发动机功率 2	real	PRE-VNGPW2(The 2nd Engine's Maximum Power Output (kW))
—发动机功率 3	real	PRE-VNGPW3(The 3rd Engine's Maximum Power Output (kW))
—额定发动机功率	real	PRE-VNGPWR(Engine's Rated Output Power (kW))
—实测距离	real	PRE-VODOMS(Measured Distance (m))
—表头读数	real	PRE-VODORD(Odometer Reading (m))
—开启油压标准低限	real	PRE-VOOPSL(Fuel Pressure When Open Std Low)
—总驻车力	real	PRE-VPARK (Total Park Brakeage)
—闭合角标准高限	real	PRE-VPCASH(Platinum relay Close Angle Std Hi)
—闭合角标准低限	real	PRE-VPCASL(Platinum relay Close Angle Std Low)
—充电电流标准高限	real	PRE-VRCCSH(Recharge Current Std Hi)
—标准缸压	real	PRE-VRCPRE(Referenced Cylinder Pressure)
—充电电压标准低限	real	PRE-VRCVSL(Recharge Voltage Std Low)
—排气门关闭角标准高限	real	PRE-VRVCSH(Release Valve Close Phase Std Hi)
—排气门关闭角标准低限	real	PRE-VRVCSL(Release Valve Close Phase Std Low)
—排气门开启角标准高限	real	PRE-VRVPSH(Release Valve Open Phase Std Hi)
—排气门开启角标准低限	real	PRE-VRVPSL(Release Valve Open Phase Std Low)
—滑行距离起始速度	real	PRE-VSLDST(Begin Speed For Measuring Slide Distance)
—实测滑行阻力	real	PRE-VSLIDR(Slide Resistance Test Value)
—排气光吸收度一(/m)	real	PRE-VSMKA1(Smoke Light Absorbency Sampling Value 1 (/m))
—排气光吸收度二(/m)	real	PRE-VSMKA2(Smoke Light Absorbency Sampling Value 2 (/m))
—排气光吸收度三(/m)	real	PRE-VSMKA3(Smoke Light Absorbency Sampling Value 3 (/m))
—排气光吸收度四(/m)	real	PRE-VSMKA4(Smoke Light Absorbency Sampling Value 4 (/m))
—烟度值一(Rb)	real	PRE-VSMOK1(Smoke Density Sampling Value 1 (Rb))
—烟度值二(Rb)	real	PRE-VSMOK2(Smoke Density Sampling Value 2 (Rb))
—烟度值三(Rb)	real	PRE-VSMOK3(Smoke Density Sampling Value 3 (Rb))
—实测车速	real	PRE-VSPDOR(Speed (km/h) When Speedo at 40km/h)
—测功车速	real	PRE-VSPDPW(Speed When Dynamo – power Reach Maximum Value)
—总重	real	PRE-VTWGHT(Total Weight)
—启动性与异响	varchar(100)	PRE-VXBOOT(Starter and Odd Noise)
—传动系悬挂车架	varchar(100)	PRE-VXCHAS(Transmission & Pendent & Chassis)
—连接检密封性	varchar(100)	PRE-VXCONN(Connecting part tightness)
—车身装饰	varchar(100)	PRE-VXDECO(Ornament)
—门窗	varchar(100)	PRE-VXDOOR(Door & Window)
—仪表与信号装置	varchar(100)	PRE-VXINST(Instruments)
—润滑	varchar(100)	PRE-VXLUBE(Lube System)
—转向与制动装置	varchar(100)	PRE-VXSTER(Steering & Brake)
—轮胎	varchar(100)	PRE-VXTYRE(Tyre)
—整车装备	varchar(100)	PRE-VXWHOL(Whole)

A.7 整车曲线信息表

整车曲线信息表 Vprocess(检测站→管理部门)应包括以下栏目:

—检测流水号	int	DETECT-ID (Test ID in Queue →DETECTS.DETECT-ID)
—加速时间速度曲线	image	VPR-VACCSP(Acceleration Speed Data(km/h))

—底盘测功功率曲线	image	VPR-VDPDAT(Dynamo－power Data)
—底盘输出功率特性曲线	image	VPR-VDPNAT(Dynamo－power Output Characteristics)
—底盘测功速度数据	image	VPR-VDPSPD(Dynamo－power Measurement Speed Data)
—底盘测功最大扭力数据	image	VPR-VDPTRQ(Dynamo－power Twisting Force Data (daN))
—油耗距离数据	image	VPR-VFUELD(Fuel Consumption Measurement Distance Data)
—等速油耗曲线	image	VPR-VFUELI(Fuel Increment Procedure Data(l))
—油耗速度曲线	image	VPR-VFUELS(Speed Data for Fuel Procedure(km/h))
—油耗阻力曲线	image	VPR-VFULFD(Resistance Data for Fuel Procedure(daN))
—怠速二氧化碳曲线	image	VPR-VGCO2D(Idle Carbon Dioxide Concentration Data(%))
—怠速一氧化碳曲线	image	VPR-VGCOD (Idle Carbon Monoxide Concentration Data(%))
—怠速碳氢化合物曲线	image	VPR-VGHCD (Idle Hydrocarbon Concentration Data(ppm))
—怠速氮氧化合物曲线	image	VPR-VGNOD (Idle Nitrous Monoxide Concentration Data(ppm))
—怠速氧气曲线	image	VPR-VGO2D (Idle Oxygen Concentration Data(%))
—高怠速二氧化碳曲线	image	VPR-VHCO2D(Fast Idle Carbon Dioxide Concentration Data(%))
—高怠速一氧化碳曲线	image	VPR-VHCOD (Fast Idle Carbon Monoxide Concentration Data(%))
—高怠速碳氢化合物曲线	image	VPR-VHHCD (Fast Idle Hydrocarbon Concentration Data(ppm))
—高怠速氮氧化合物曲线	image	VPR-VHNOD (Fast Idle Nitrous Monoxide Concentration Data(ppm))
—高怠速氧气曲线	image	VPR-VHO2D (Fast Idle Oxygen Concentration Data(%))
—喇叭声级曲线	image	VPR-VHORND(Horn Sound Level Process Data)
—加速采样间隔	real	VPR-VNTVAC(Advance Performance Sampling Interval(ms))
—油耗采样间隔	real	VPR-VNTVFL(Fuel Consumption Sampling Interval)
—废气采样间隔	real	VPR-VNTVGS(Gas Sampling Interval(ms))
—喇叭声级采样间隔	real	VPR-VNTVHN(Horn Sound Level Sampling Interval(ms))
—悬架减振采样间隔	real	VPR-VNTVPD(Pendent Oscillation Absorb Sampling Interval(ms))
—滑行采样间隔	real	VPR-VNTVSD(Free Slide Sampling Interval(ms))
—侧滑采样间隔	real	VPR-VNTVSS(Side Slip Sampling Interval(ms))
—充电电流数据	image	VPR-VRCCNT(Recharge Current Data)
—充电转速数据	image	VPR-VRCRSP(Rev Data of Recharge Measurement)
—充电电压数据	image	VPR-VRCVLT(Recharge Voltage Data)
—滑行距离曲线	image	VPR-VSLDDS(Free Slide Distance Data(m))
—滑行速度曲线	image	VPR-VSLDSP(Free Slide Speed Data(km/h))

A.8 车轴数据信息表

车轴数据信息表 Vaxles(检测站→管理部门)应包括以下栏目：

—车轴代码	tinyint	AXLE-ID (Auto Axle ID→AXLES.AXLE-ID)
—检测流水号	int	DETECT-ID (Test ID in Queue－－>DETECTS.DETECT-ID)
—防抱死制动生效合格	bit	VAX-FABS (ABS Work State OK Flag)
—制动失衡率合格	bit	VAX-FBIMBL(Maximum Brakeage Imbalance OK Flag)
—左主销后倾角合格	bit	VAX-FCASTL(Caster of Left Snib OK Flag)
—右主销后倾角合格	bit	VAX-FCASTR(Caster of Left Snib OK Flag)
—左轮外倾合格	bit	VAX-FCMBRL(Camber of Left Wheel OK Flag)
—右轮外倾合格	bit	VAX-FCMBRR(Camber of Right Wheel OK Flag)
—左轮阻滞率合格	bit	VAX-FDRAGL(Left Wheel Drag Ratio OK Flag)
—单轴最大阻滞率合格	bit	VAX-FDRAGM(Axle Max Wheel Drag Ratio OK Flag)

—右轮阻滞率合格	bit	VAX-FDRAGR(Right Wheel Drag Ratio OK Flag)
—左内轮失衡合格	bit	VAX-FIMBIL(Dynamic Imbalance of Left Inside Wheel OK Flag)
—右内轮失衡合格	bit	VAX-FIMBIR(Dynamic Imbalance of Right Inside Wheel OK Flag)
—左外轮失衡合格	bit	VAX-FIMBOL(Dynamic Imbalance of Left Outside Wheel OK Flag)
—右外轮失衡合格	bit	VAX-FIMBOR(Dynamic Imbalance of Right Outside Wheel OK Flag)
—左悬架振动吸收率合格	bit	VAX-FPDARL(Oscillation Absorbe Ratio of Left Pendent OK — Flag)
—右悬架振动吸收率合格	bit	VAX-FPDARR(Oscillation Absorbe Ratio of Right Pendent OK Flag)
—踏板力合格	bit	VAX-FPEDAL(Brake Pedal Force Procedure Data OK Flag)
—左主销内倾角合格	bit	VAX-RBBIL(Tracking Difference of Left Snib OK Flag)
—右主销内倾角合格	bit	VAX-RBBIR(Tracking Difference of Left Snib OK Flag)
—左内轮摆动合格	bit	VAX-FSWGIL(Dynamic Swing of Left Inside Wheel OK Flag)
—右内轮摆动合格	bit	VAX-FSWGIR(Dynamic Swing of Right Inside Wheel OK Flag)
—左外轮摆动合格	bit	VAX-FSWGOL(Dynamic Swing of Left Outside Wheel OK Flag)
—右外轮摆动合格	bit	VAX-FSWGOR(Dynamic Swing of Right Outside Wheel OK Flag)
—左右轮同轴度合格	bit	VAX-FTALLY(Left Right Wheel Tally OK Flag)
—车轮前束合格	bit	VAX-FTOEIN(Toe of Wheels OK Flag)
—单轴协调时间合格	bit	VAX-FXLAG (Axle Brake Lag OK Flag)
—防抱死制动生效	tinyint	VAX-IABS (ABS Work State)
—制动失衡率	real	VAX-IBIMBL(Maximum Brakeage Imbalance (%))
—左主销后倾角	real	VAX-ICASTL(Caster of Left Snib)
—右主销后倾角	real	VAX-ICASTR(Caster of Left Snib)
—左轮外倾	real	VAX-ICMBRL(Camber of Left Wheel)
—右轮外倾	real	VAX-ICMBRR(Camber of Right Wheel)
—左轮阻滞率	real	VAX-IDRAGL(Left Wheel Drag Ratio (%))
—单轴最大阻滞率	real	VAX-IDRAGM(Axle Max Wheel Drag Ratio (%))
—右轮阻滞率	real	VAX-IDRAGR(Right Wheel Drag Ratio (%))
—左内轮失衡量	real	VAX-IIMBIL(Dynamic Imbalance of Left Inside Wheel)
—右内轮失衡量	real	VAX-IIMBIR(Dynamic Imbalance of Right Inside Wheel)
—左外轮失衡量	real	VAX-IIMBOL(Dynamic Imbalance of Left Outside Wheel)
—右外轮失衡量	real	VAX-IIMBOR(Dynamic Imbalance of Right Outside Wheel)
—左轮悬架吸收率	real	VAX-IPDARL(Oscillation Absorbe Ratio of Left Pendent)
—右轮悬架吸收率	real	VAX-IPDARR(Oscillation Absorbe Ratio of Right Pendent)
—左右轮吸收率差	real	VAX-IPDTAD(Oscillation Absorbe Ratio Balance (%))
—悬架平均吸收率	real	VAX-IPDTAR(Average Pendent Oscillation Absorbe Efficiency (%))
—踏板力	real	VAX-IPEDAL(Brake Pedal Force Procedure Data (N))
—左轮侧滑	real	VAX-ISLIPL(Side Slip of Left Wheels)
—右轮侧滑	real	VAX-ISLIPR(Side Slip of Right Wheels)
—左主销内倾角	real	VAX-ISNBIL(Tracking Difference of Left Snib)
—右主销内倾角	real	VAX-ISNBIR(Tracking Difference of Left Snib)
—单轴侧滑	real	VAX-ISSLIP(Side Slip of Wheels (mm/m))
—左内轮摆动量	real	VAX-ISWGIL(Dynamic Swing of Left Inside Wheel)
—右内轮摆动量	real	VAX-ISWGIR(Dynamic Swing of Right Inside Wheel)
—左外轮摆动量	real	VAX-ISWGOL(Dynamic Swing of Left Outside Wheel)

—右外轮摆动量	real	VAX-ISWGOR(Dynamic Swing of Right Outside Wheel)
—左右轮同轴度	real	VAX-ITALLY(Left Right Wheel Tally)
—车轮前束	real	VAX-ITOEIN(Toe of Wheels)
—左内轮胎压	char(10)	VAX-ITYRIL(Air Pressure of Left Inside Tyre)
—右内轮胎压	char(10)	VAX-ITYRIR(Air Pressure of Right Inside Tyre)
—左外轮胎压	char(10)	VAX-ITYROL(Air Pressure of Left Outside Tyre)
—右外轮胎压	char(10)	VAX-ITYROR(Air Pressure of Right Outside Tyre)
—轴荷失衡率	real	VAX-IWIMBL(Weight Imbalance (%))
—单轴协调时间	real	VAX-IXLAG (Axle Brake Lag(s))
—左轮最大制动力	real	VAX-VBRAKL(Left Maximum Brakeage(daN))
—右轮最大制动力	real	VAX-VBRAKR(Right Maximum Brakeage(daN))
—左轮制动有效曲线	image	VAX-VDATAL(Active Left Brakeage Data (daN))
—右轮制动有效曲线	image	VAX-VDATAR(Active Right Brakeage Data (daN))
—左轮阻滞力	real	VAX-VDRAGL(Left Wheel Drag (daN))
—右轮阻滞力	real	VAX-VDRAGR(Right Wheel Drag (daN))
—左轮阻滞力曲线	image	VAX-VDRGDL(Left Wheel Drag Data (daN))
—右轮阻滞力曲线	image	VAX-VDRGDR(Right Wheel Drag Data (daN))
—左轮制动快踩曲线	image	VAX-VFASTL(Fast Left Wheel Brakeage Data (daN))
—快踩踏板力曲线	image	VAX-VFASTP(Fast Brake Pedal Force Procedure Data (N))
—右轮制动快踩曲线	image	VAX-VFASTR(Fast Right Wheel Brakeage Data (daN))
—左轮失衡力	real	VAX-VMIMBL(Left Brakeage When Difference Max(daN))
—右轮失衡力	real	VAX-VMIMBR(Right Brakeage When Difference Max(daN))
—左轮饱和力	real	VAX-VMSUML(Left Brakeage When Sum Max(daN))
—右轮饱和力	real	VAX-VMSUMR(Right Brakeage When Sum Max(daN))
—左轮驻车力	real	VAX-VPARKL(Maximum Parking Force of Left Wheel (daN))
—右轮驻车力	real	VAX-VPARKR(Maximum Parking Force of Right Wheel (daN))
—踏板力有效曲线	image	VAX-VPEDAL(Active Brake Pedal Force Procedure Data (N))
—左轮悬架特性曲线	image	VAX-VPLCUR(Left Wheel Curve of Pendent Absorb Characteristics)
—右轮悬架特性曲线	image	VAX-VPRCUR(Right Wheel Curve of Pendent Absorb Characteristics)
—侧滑曲线	image	VAX-VSLIPD(Side Slip Procedure Data)
—左轮制动慢踩曲线	image	VAX-VSLOWL(Slowly Left Brakeage Data (daN))
—慢踩踏板力曲线	image	VAX-VSLOWP(Slowly Brake Pedal Force Procedure Data (N))
—右轮制动慢踩曲线	image	VAX-VSLOWR(Slowly Right Brakeage Data (daN))
—左轮侧滑曲线	image	VAX-VSLPLD(Left Wheel Side Slip Procedure Data)
—右轮侧滑曲线	image	VAX-VSLPRD(Right Wheel Side Slip Procedure Data)
—最大轮制动力	real	VAX-VWBRAK(Max Wheel Brakeage)
—左轮荷重	real	VAX-VWGHTL(Left Wheel Weight (kg))
—右轮荷重	real	VAX-VWGHTR(Right Wheel Weight (kg))
—制动和力	real	VAX-VXBRAK(Axle's Brakeage (daN))
—轴制动因数	real	VAX-VXBRKF(Axle Brake Factor)
—最大制动力差	real	VAX-VXDIFF(Max Difference of Wheel Brakeages)
—轴重	real	VAX-VXWGHT(Axle Weight)

A.9 发动机气缸数据信息表

发动机气缸数据信息表 Vcylinds(检测站→管理部门))应包括以下栏目：

—气缸数据代码	int	CYLIND-ID (Cylinder Record's ID→CYLINDS.CYLIND-ID)
—检测流水号	int	DETECT-ID (Test ID in Queue→DETECTS.DETECT-ID)
—气缸压缩压力合格	bit	VCY-FCYLNP(Cylinder Compact Pressures OK Flag)
—进气阀关闭角合格	bit	VCY-FIVCLS(Intake Valve Close Phase OK Flag)
—点火高压输出电压合格	bit	VCY-FIVOLT(Ignition Output Voltage OK Flag)
—排气阀关闭角合格	bit	VCY-FRVCLS(Release Valve Close Phase OK Flag)
—进气歧管真空度合格	bit	VCY-FVACUM(Exhaust Manifold Vacuum OK Flag)
—气门异响合格	bit	VCY-FVVODD(Odd Noise by Valve Operation OK Flag)
—白金闭合角	real	VCY-ICCANG(Platinum Close Angle(%))
—气缸漏气量	real	VCY-ICLEAK(Gas Leakage (l/min))
—单缸转速降比	real	VCY-ICSDWN(Rev Slow Down Ratio after Cylinder off (%))
—气缸压缩压力	real	VCY-ICYLNP(Compact Pressures (kPa))
—次级火花持续时间	real	VCY-IDISTM(Ignition Discharge Time (ms))
—火花塞跳火电压	real	VCY-IDVOLT(Discharge Voltage of Ignition (kV))
—柴油喷油压力	char(10)	VCY-IINJCT(Injection Pressure (MPa))
—初级点火电压	real	VCY-IIPVLT(Ignition Primary Coil Voltage (V))
—进气阀关闭角	real	VCY-IIVCLS(Intake Valve Close Phase (Degree))
—点火高压输出电压	real	VCY-IIVOLT(Ignition Output Voltage (kV))
—进气阀开启角	real	VCY-IIVOPN(Intake Valve Open Phase (Degree))
—排气阀关闭角	real	VCY-IRVCLS(Release Valve Close Phase (Degree))
—排气阀开启角	real	VCY-IRVOPN(Release Valve Open Phase (Degree))
—进气歧管真空度	real	VCY-IVACUM(Exhaust Manifold Vacuum(kPa))
—气门异响	char(10)	VCY-IVVODD(Odd Noise by Valve Operation)
—速缸下降转速	real	VCY-VCRDWN(Absolutely Rev Slow Down after Cylinder off)
—气缸相对缸压	real	VCY-VCRPRE(Relative Cylinder Pressure vs. Standard One)
—速缸末速	real	VCY-VSCFSP(Final Rev at Rev – Cylinder Test)
—速缸初速	real	VCY-VSCISP(Initial Rev of Rev – Cylinder Test)

A.10 发动机工况废气数据信息表

发动机工况废气数据信息表 Vexhaust(检测站→管理部门)应包括以下栏目：

—检测流水号	int	DETECT-ID (Test ID in Queue→DETECTS.DETECT-ID)
—发动机工况代码	char(10)	NGSTATE-ID(Engine Work State ID→NGSTATES.NGSTATE-ID)
—大气压力	real	VEX-AIRPRS(Atmosphere Pressure)
—大气温度	real	VEX-AIRTMP(Atmosphere Temperature)
——一氧化碳合格	bit	VEX-FCO (Carbon Monoxide Concentration OK Flag)
—碳氢化合物合格	bit	VEX-FHC (Hydrocarbon Concentration OK Flag)
—相对湿度	real	VEX-HUMITY(Relative Humidity)
—点火提前角	real	VEX-IAHEAD(Ignition Ahead Angle)
——一氧化碳	real	VEX-ICO (Carbon Monoxide Concentration (%))
—二氧化碳	real	VEX-ICO2 (Carbon Dioxide Concentration (%))
—碳氢化合物	real	VEX-IHC (Hydrocarbon Concentration (ppm))
—空燃比率	real	VEX-ILAMDA(Ratio of Mix Ratio of Air over Fuel)
—氮氧化合物	real	VEX-INOX (Nitrous Monoxide(ppm))

—工况时间	real	VEX-INTVAL(Work State Interval)
—氧气含量	real	VEX-IO2 (Oxygen Concentration(%))
—加载功率	real	VEX-LOADPW(Loading Power)
—转速	int	VEX-REV (Engine Rev)
—二氧化碳曲线	image	VEX-VCO2D (Carbon Dioxide Concentration Data(%))
—最低二氧化碳	real	VEX-VCO2L (Minimum Carbon Dioxide Concentration (%))
—最高二氧化碳	real	VEX-VCO2U (Maximum Carbon Dioxide Concentration (%))
—一氧化碳曲线	image	VEX-VCOD (Carbon Monoxide Concentration Data(%))
—最低一氧化碳	real	VEX-VCOL (Minimum Carbon Monoxide Concentration (%))
—一氧化碳校正前曲线	image	VEX-VCORD (Carbon Monoxide Concentration Raw Data(%))
—最高一氧化碳	real	VEX-VCOU (Maximum Carbon Monoxide Concentration (%))
—稀释校正系数曲线数据	image	VEX-VDFD (Dilute Factor Data)
—碳氢化合物曲线	image	VEX-VHCD (Hydrocarbon Concentration Data(ppm))
—最低碳氢化物	real	VEX-VHCL (Minimum Hydrocarbon Concentration (ppm))
—碳氢化合物校正前曲线	image	VEX-VHCRD (Hydrocarbon Concentration Raw Data(ppm))
—最高碳氢化物	real	VEX-VHCU (Maximum Hydrocarbon Concentration (ppm))
—湿度校正系数曲线数据	image	VEX-VKHMDT(Humidity Factor Data)
—空燃比曲线	image	VEX-VLMBDD(Lambda Data)
—最低空燃比	real	VEX-VLMDL (Minimum Lambda)
—最高空燃比	real	VEX-VLMDU (Maximum Lambda)
—氮氧化合物曲线	image	VEX-VNOXD (Nitrous Monoxide Concentration Data(ppm))
—最低氮氧化物	real	VEX-VNOXL (Minimum Nitrous Monoxide(ppm))
—氮氧化合物校正前曲线	image	VEX-VNOXRD(Nitrous Monoxide Concentration Raw Data(ppm))
—最高氮氧化物	real	VEX-VNOXU (Maximum Nitrous Monoxide(ppm))
—废气采样间隔	real	VEX-VNTGAS(Gas Sampling Interval(ms))
—氧气曲线	image	VEX-VO2D (Oxygen Concentration Data(%))
—氧气最低浓度	real	VEX-VO2L (Minimum Oxygen Concentration(%))
—氧气最高浓度	real	VEX-VO2U (Maximum Oxygen Concentration(%))

A.11 各业务节点的实时工作状态表

各业务节点的实时工作状态表 Centers(检测站→管理部门)应包括以下栏目：

—业务节点代码	int	CENTER-ID (Service Node ID)
—业务节点名称	char(14)	CEN-NAME (Service Node Name)
—节点开机状态	smallint	CEN-STATUS(Node Controller State)

A.12 各工位控制机的实时工作状态表

各工位控制机的实时工作状态表 Wplaces(检测站→管理部门)应包括以下栏目：

—检车单元代码	int	WPLACE-ID (Working Place's ID)
—模拟量零点偏信息	smallint	WPL-DIAGAD(Analogue Signal Zero Exceptions)
—数字输入异常信息	smallint	WPL-DIAGGE(Digital Input Exceptions)
—键盘异常信息	smallint	WPL-DIAGKB(Keyboard Exceptions)
—检车单元名称	varchar(20)	WPL-NAME (Working Place's Name)
—通讯状态	bit	WPL-STATEC(Communication Status)
—挂线状态	bit	WPL-STATEL(Line Status)
—机器状态	smallint	WPL-STATEM(Machine Status)

—检测状态	smallint	WPL-STATER(Test Status)

A.13 受检车辆在检测流程中的实时分布状态表

受检车辆在检测流程中的实时分布状态表 Wqueue(检测站→管理部门)应包括以下栏目：

—检测流水号	int	DETECT-ID (Test ID in Queue→DETECTS. DETECT-ID)
—中心代码	int	CENTER-ID (Service Node ID→CENTERS. CENTER-ID)
—计算机名称	char(31)	WQU-MACHIN(Computer Machine Name)

A.14 正在采用的检测标准信息表

正在采用的检测标准信息表 Stands(检测站→管理部门)应包括以下栏目：

—标准代码	smallint	STANDARDID(Standard Record ID)
—M12540CO 标准 1	real	STA-2COM1 (M1 2540 CO for RM at 0 - 1050)
—M12540CO 标准 2	real	STA-2COM2 (M1 2540 CO for RM at 1050 - 1250)
—M12540CO 标准 3	real	STA-2COM3 (M1 2540 CO for RM at 1250 - 1470)
—M12540CO 标准 4	real	STA-2COM4 (M1 2540 CO for RM at 1470 - 1700)
—M12540CO 标准 5	real	STA-2COM5 (M1 2540 CO for RM at 1700 - 1930)
—M12540CO 标准 6	real	STA-2COM6 (M1 2540 CO for RM at 1930 - 2150)
—M12540CO 标准 7	real	STA-2COM7 (M1 2540 CO for RM at 2150 - 2500)
—N12540CO 标准 1	real	STA-2CON1 (N1 2540 CO for RM at 0 - 1050)
—N12540CO 标准 2	real	STA-2CON2 (N1 2540 CO for RM at 1050 - 1250)
—N12540CO 标准 3	real	STA-2CON3 (N1 2540 CO for RM at 1250 - 1470)
—N12540CO 标准 4	real	STA-2CON4 (N1 2540 CO for RM at 1470 - 1700)
—N12540CO 标准 5	real	STA-2CON5 (N1 2540 CO for RM at 1700 - 1930)
—N12540CO 标准 6	real	STA-2CON6 (N1 2540 CO for RM at 1930 - 2150)
—N12540CO 标准 7	real	STA-2CON7 (N1 2540 CO for RM at 2150 - 2500)
—N12540CO 标准 8	real	STA-2CON8 (N1 2540 CO for RM at 2500 - 3500)
—M12540HC 标准 1	real	STA-2HCM1 (M1 2540 HC for RM at 0 - 1050)
—M12540HC 标准 2	real	STA-2HCM2 (M1 2540 HC for RM at 1050 - 1250)
—M12540HC 标准 3	real	STA-2HCM3 (M1 2540 HC for RM at 1250 - 1470)
—M12540HC 标准 4	real	STA-2HCM4 (M1 2540 HC for RM at 1470 - 1700)
—M12540HC 标准 5	real	STA-2HCM5 (M1 2540 HC for RM at 1700 - 1930)
—M12540HC 标准 6	real	STA-2HCM6 (M1 2540 HC for RM at 1930 - 2150)
—M12540HC 标准 7	real	STA-2HCM7 (M1 2540 HC for RM at 2150 - 2500)
—N12540HC 标准 1	real	STA-2HCN1 (N1 2540 HC for RM at 0 - 1050)
—N12540HC 标准 2	real	STA-2HCN2 (N1 2540 HC for RM at 1050 - 1250)
—N12540HC 标准 3	real	STA-2HCN3 (N1 2540 HC for RM at 1250 - 1470)
—N12540HC 标准 4	real	STA-2HCN4 (N1 2540 HC for RM at 1470 - 1700)
—N12540HC 标准 5	real	STA-2HCN5 (N1 2540 HC for RM at 1700 - 1930)
—N12540HC 标准 6	real	STA-2HCN6 (N1 2540 HC for RM at 1930 - 2150)
—N12540HC 标准 7	real	STA-2HCN7 (N1 2540 HC for RM at 2150 - 2500)
—N12540HC 标准 8	real	STA-2HCN8 (N1 2540 HC for RM at 2500 - 3500)
—M12540NO 标准 1	real	STA-2NOM1 (M1 2540 NO for RM at 0 - 1050)
—M12540NO 标准 2	real	STA-2NOM2 (M1 2540 NO for RM at 1050 - 1250)
—M12540NO 标准 3	real	STA-2NOM3 (M1 2540 NO for RM at 1250 - 1470)
—M12540NO 标准 4	real	STA-2NOM4 (M1 2540 NO for RM at 1470 - 1700)

—M12540NO 标准 5	real	STA-2NOM5 (M1 2540 NO for RM at 1700 – 1930)
—M12540NO 标准 6	real	STA-2NOM6 (M1 2540 NO for RM at 1930 – 2150)
—M12540NO 标准 7	real	STA-2NOM7 (M1 2540 NO for RM at 2150 – 2500)
—N12540NO 标准 1	real	STA-2NON1 (N1 2540 NO for RM at 0 – 1050)
—N12540NO 标准 2	real	STA-2NON2 (N1 2540 NO for RM at 1050 – 1250)
—N12540NO 标准 3	real	STA-2NON3 (N1 2540 NO for RM at 1250 – 1470)
—N12540NO 标准 4	real	STA-2NON4 (N1 2540 NO for RM at 1470 – 1700)
—N12540NO 标准 5	real	STA-2NON5 (N1 2540 NO for RM at 1700 – 1930)
—N12540NO 标准 6	real	STA-2NON6 (N1 2540 NO for RM at 1930 – 2150)
—N12540NO 标准 7	real	STA-2NON7 (N1 2540 NO for RM at 2150 – 2500)
—N12540NO 标准 8	real	STA-2NON8 (N1 2540 NO for RM at 2500 – 3500)
—M15025CO 标准 1	real	STA-5COM1 (M1 5025 CO for RM at 0 – 1050)
—M15025CO 标准 2	real	STA-5COM2 (M1 5025 CO for RM at 1050 – 1250)
—M15025CO 标准 3	real	STA-5COM3 (M1 5025 CO for RM at 1250 – 1470)
—M15025CO 标准 4	real	STA-5COM4 (M1 5025 CO for RM at 1470 – 1700)
—M15025CO 标准 5	real	STA-5COM5 (M1 5025 CO for RM at 1700 – 1930)
—M15025CO 标准 6	real	STA-5COM6 (M1 5025 CO for RM at 1930 – 2150)
—M15025CO 标准 7	real	STA-5COM7 (M1 5025 CO for RM at 2150 – 2500)
—N15025CO 标准 1	real	STA-5CON1 (N1 5025 CO for RM at 0 – 1050)
—N15025CO 标准 2	real	STA-5CON2 (N1 5025 CO for RM at 1050 – 1250)
—N15025CO 标准 3	real	STA-5CON3 (N1 5025 CO for RM at 1250 – 1470)
—N15025CO 标准 4	real	STA-5CON4 (N1 5025 CO for RM at 1470 – 1700)
—N15025CO 标准 5	real	STA-5CON5 (N1 5025 CO for RM at 1700 – 1930)
—N15025CO 标准 6	real	STA-5CON6 (N1 5025 CO for RM at 1930 – 2150)
—N15025CO 标准 7	real	STA-5CON7 (N1 5025 CO for RM at 2150 – 2500)
—N15025CO 标准 8	real	STA-5CON8 (N1 5025 CO for RM at 2500 – 3500)
—M15025HC 标准 1	real	STA-5HCM1 (M1 5025 HC for RM at 0 – 1050)
—M15025HC 标准 2	real	STA-5HCM2 (M1 5025 HC for RM at 1050 – 1250)
—M15025HC 标准 3	real	STA-5HCM3 (M1 5025 HC for RM at 1250 – 1470)
—M15025HC 标准 4	real	STA-5HCM4 (M1 5025 HC for RM at 1470 – 1700)
—M15025HC 标准 5	real	STA-5HCM5 (M1 5025 HC for RM at 1700 – 1930)
—M15025HC 标准 6	real	STA-5HCM6 (M1 5025 HC for RM at 1930 – 2150)
—M15025HC 标准 7	real	STA-5HCM7 (M1 5025 HC for RM at 2150 – 2500)
—N15025HC 标准 1	real	STA-5HCN1 (N1 5025 HC for RM at 0 – 1050)
—N15025HC 标准 2	real	STA-5HCN2 (N1 5025 HC for RM at 1050 – 1250)
—N15025HC 标准 3	real	STA-5HCN3 (N1 5025 HC for RM at 1250 – 1470)
—N15025HC 标准 4	real	STA-5HCN4 (N1 5025 HC for RM at 1470 – 1700)
—N15025HC 标准 5	real	STA-5HCN5 (N1 5025 HC for RM at 1700 – 1930)
—N15025HC 标准 6	real	STA-5HCN6 (N1 5025 HC for RM at 1930 – 2150)
—N15025HC 标准 7	real	STA-5HCN7 (N1 5025 HC for RM at 2150 – 2500)
—N15025HC 标准 8	real	STA-5HCN8 (N1 5025 HC for RM at 2500 – 3500)
—M15025NO 标准 1	real	STA-5NOM1 (M1 5025 NO for RM at 0 – 1050)
—M15025NO 标准 2	real	STA-5NOM2 (M1 5025 NO for RM at 1050 – 1250)

—M15025NO 标准 3	real	STA-5NOM3 (M1 5025 NO for RM at 1250 – 1470)
—M15025NO 标准 4	real	STA-5NOM4 (M1 5025 NO for RM at 1470 – 1700)
—M15025NO 标准 5	real	STA-5NOM5 (M1 5025 NO for RM at 1700 – 1930)
—M15025NO 标准 6	real	STA-5NOM6 (M1 5025 NO for RM at 1930 – 2150)
—M15025NO 标准 7	real	STA-5NOM7 (M1 5025 NO for RM at 2150 – 2500)
—N15025NO 标准 1	real	STA-5NON1 (N1 5025 NO for RM at 0 – 1050)
—N15025NO 标准 2	real	STA-5NON2 (N1 5025 NO for RM at 1050 – 1250)
—N15025NO 标准 3	real	STA-5NON3 (N1 5025 NO for RM at 1250 – 1470)
—N15025NO 标准 4	real	STA-5NON4 (N1 5025 NO for RM at 1470 – 1700)
—N15025NO 标准 5	real	STA-5NON5 (N1 5025 NO for RM at 1700 – 1930)
—N15025NO 标准 6	real	STA-5NON6 (N1 5025 NO for RM at 1930 – 2150)
—N15025NO 标准 7	real	STA-5NON7 (N1 5025 NO for RM at 2150 – 2500)
—N15025NO 标准 8	real	STA-5NON8 (N1 5025 NO for RM at 2500 – 3500)
—汽油车提前角公差	real	STA-AATOL0(Ahead Angle Tolerance for Gasoline)
—柴油车提前角公差	real	STA-AATOL1(Ahead Angle Tolerance for Derv)
——一级车最高车龄	real	STA-AGE1 (Max Age for the 1st Class Auto)
—二级车最高车龄	real	STA-AGE2 (Max Age for the 2nd Class Auto)
—车身对称差	real	STA-ASMBDY(Body Symmetric Tolerance)
—轴距对称差	real	STA-ASMXBS(Axle Base Symmetric Tolerance)
—阻 滞 力	real	STA-BDRAG (Drag)
—平衡计算分野	real	STA-BFLUVE(Interfluve for Rear Imbalance Calc.)
—前轴平衡差	real	STA-BFMUS (Imbalance of Front Axle Brake)
—前轴力和	real	STA-BFSUM (Sum of Front Axle Brake)
—踏板力 0	real	STA-BPDLF0(Drive Brake Pedal Force for Light Car)
—踏板力 1	real	STA-BPDLF1(Drive Brake Pedal Force for Heavy Car)
—踏板力 2	real	STA-BPDLF2(Brake Pedal Force for BJ2020 Series)
—踏板行程 0	real	STA-BPDLT0(Brake Pedal Throw of Small Passenger)
—踏板行程 1	real	STA-BPDLT1(Brake Pedal Throw of Else Automotive)
—后轴力差	real	STA-BRDIFF(Difference of Back Axle Brake)
—后轴平衡差	real	STA-BRMUS (Imbalance of Back Axle Brake)
—整车力和	real	STA-BSUM (Sum of All Brake Force)
—协调时间 0	real	STA-BTIME0(Harmonization Time for Single Car (s))
—协调时间 1	real	STA-BTIME1(Harmonization Time for Serial Car (s))
—离合握力	real	STA-CLVRF (Clutch Squeeze Force)
—离合踏力 0	real	STA-CPDLF0(Clutch Pedal Force for Normal Automotive)
—离合踏力 1	real	STA-CPDLF1(Clutch Pedal Force for Tractor)
—速缸不匀度	real	STA-CSDIFF(Rev – down Difference among cylinders)
—底盘功率 1 级	real	STA-CSPOW1(Criterion of the 1st Class Dynamo – power)
—底盘功率 2 级	real	STA-CSPOW2(Criterion of the 2nd Class Dynamo – power)
—四缸真空波动量	real	STA-CVCMD4(Max Delta for 4 – cylinders Vacuum)
—六缸真空波动量	real	STA-CVCMD6(Max Delta for 6 – cylinders Vacuum)
—怠速真空度高限	real	STA-CVCMIH(Upper Limit for Manifold Vacuum(kPa))
—怠速真空度低限	real	STA-CVCMIL(Lower Limit for Manifold Vacuum(kPa))

—缸压因数低限	real	STA-CYLPRL(Cylinder Pressure Ratio)
—汽油车缸压差	real	STA-CYPD0 (Cylinder Pressure Difference for Gas)
—柴油车缸压差	real	STA-CYPD1 (Cylinder Pressure Difference for Derv)
—分电器重叠角高限	real	STA-DSTOVL(Distributor Overlay Angle)
—发动机功率 1 级	real	STA-ENGN1 (the 1st Class Engine Power)
—发动机功率 2 级	real	STA-ENGN2 (the 2nd Class Engine Power)
—油耗 1 级	real	STA-FUELC1(the 1st Class Fuel Consumption)
—油耗 2 级	real	STA-FUELC2(the 2nd Class Fuel Consumption)
——一氧化碳 0	real	STA-GCO0 (Carbon Monoxide for Heavy Prototype)
——一氧化碳 1	real	STA-GCO1 (Carbon Monoxide for Light Prototype)
——一氧化碳 2	real	STA-GCO2 (Carbon Monoxide for Heavy New Car)
—二氧化碳 0	real	STA-GCO20 (Carbon Monoxide for Heavy Prototype)
—二氧化碳 1	real	STA-GCO21 (Carbon Monoxide for Light Prototype)
—二氧化碳 2	real	STA-GCO22 (Carbon Monoxide for Heavy New Car)
—二氧化碳 3	real	STA-GCO23 (Carbon Monoxide for Light New Car)
—二氧化碳 4	real	STA-GCO24 (Carbon Monoxide for Heavy New – made Car)
—二氧化碳 5	real	STA-GCO25 (Carbon Monoxide for Light New – made Car)
—二氧化碳 6	real	STA-GCO26 (Carbon Monoxide for Heavy early – made Car)
—二氧化碳 7	real	STA-GCO27 (Carbon Monoxide for Light early – made Car)
——一氧化碳 3	real	STA-GCO3 (Carbon Monoxide for Light New Car)
——一氧化碳 4	real	STA-GCO4 (Carbon Monoxide for Heavy New – made Car)
——一氧化碳 5	real	STA-GCO5 (Carbon Monoxide for Light New – made Car)
——一氧化碳 6	real	STA-GCO6 (Carbon Monoxide for Heavy early – made Car)
——一氧化碳 7	real	STA-GCO7 (Carbon Monoxide for Light early – made Car)
—黑烟浓度 0	real	STA-GDS0 (Smoke Degree for Prototype Car)
—黑烟浓度 1	real	STA-GDS1 (Smoke Degree for New Car)
—黑烟浓度 2	real	STA-GDS2 (Smoke Degree for New – Made Plied Car)
—黑烟浓度 3	real	STA-GDS3 (Smoke Degree for Early – Made Plied Car)
—碳氢化物 0	real	STA-GHC00 (Hydrocarbon for Heavy 4 – Strokes Prototype Car)
—碳氢化物 1	real	STA-GHC01 (Hydrocarbon for Heavy 2 – Strokes Prototype Car)
—碳氢化物 2	real	STA-GHC02 (Hydrocarbon for Light 4 – Strokes Prototype Car)
—碳氢化物 3	real	STA-GHC03 (Hydrocarbon for Light 2 – Strokes Prototype Car)
—碳氢化物 4	real	STA-GHC04 (Hydrocarbon for Heavy 4 – Strokes New Car)
—碳氢化物 5	real	STA-GHC05 (Hydrocarbon for Heavy 2 – Strokes New Car)
—碳氢化物 6	real	STA-GHC06 (Hydrocarbon for Light 4 – Strokes New Car)
—碳氢化物 7	real	STA-GHC07 (Hydrocarbon for Light 2 – Strokes New Car)
—碳氢化物 8	real	STA-GHC08 (Hydrocarbon for Heavy 4 – Strokes New – made Car)
—碳氢化物 9	real	STA-GHC09 (Hydrocarbon for Heavy 2 – Strokes New – made Car)
—碳氢化物 10	real	STA-GHC10 (Hydrocarbon for Light 4 – Strokes New – made Car)
—碳氢化物 11	real	STA-GHC11 (Hydrocarbon for Light 2 – Strokes New – made Car)
—碳氢化物 12	real	STA-GHC12 (Hydrocarbon for Heavy 4 – Strokes Old – made Car)
—碳氢化物 13	real	STA-GHC13 (Hydrocarbon for Heavy 2 – Strokes Old – made Car)
—碳氢化物 14	real	STA-GHC14 (Hydrocarbon for Light 4 – Strokes Old – made Car)

—碳氢化物 15	real	STA-GHC15 (Hydrocarbon for Light 2 - Strokes Old - made Car)
—空燃比 0	real	STA-GLMBD0(Carbon Monoxide for Heavy Prototype Car)
—空燃比 1	real	STA-GLMBD1(Carbon Monoxide for Light Prototype Car)
—空燃比 2	real	STA-GLMBD2(Carbon Monoxide for Heavy New Car)
—空燃比 3	real	STA-GLMBD3(Carbon Monoxide for Light New Car)
—空燃比 4	real	STA-GLMBD4(Carbon Monoxide for Heavy New - made Car)
—空燃比 5	real	STA-GLMBD5(Carbon Monoxide for Light New - made Car)
—空燃比 6	real	STA-GLMBD6(Carbon Monoxide for Heavy Old - made Car)
—空燃比 7	real	STA-GLMBD7(Carbon Monoxide for Light Old - made Car)
—氮氧化物 0	real	STA-GNO0 (Carbon Monoxide for Heavy Prototype Car)
—氮氧化物 1	real	STA-GNO1 (Carbon Monoxide for Light Prototype Car)
—氮氧化物 2	real	STA-GNO2 (Carbon Monoxide for Heavy New Car)
—氮氧化物 3	real	STA-GNO3 (Carbon Monoxide for Light New Car)
—氮氧化物 4	real	STA-GNO4 (Carbon Monoxide for Heavy New - made Car)
—氮氧化物 5	real	STA-GNO5 (Carbon Monoxide for Light New - made Car)
—氮氧化物 6	real	STA-GNO6 (Carbon Monoxide for Heavy Old - made Car)
—氮氧化物 7	real	STA-GNO7 (Carbon Monoxide for Light Old - made Car)
—氧气含量 0	real	STA-GO20 (Carbon Monoxide for Heavy Prototype Car)
—氧气含量 1	real	STA-GO21 (Carbon Monoxide for Light Prototype Car)
—氧气含量 2	real	STA-GO22 (Carbon Monoxide for Heavy New Car)
—氧气含量 3	real	STA-GO23 (Carbon Monoxide for Light New Car)
—氧气含量 4	real	STA-GO24 (Carbon Monoxide for Heavy New - made Car)
—氧气含量 5	real	STA-GO25 (Carbon Monoxide for Light New - made Car)
—氧气含量 6	real	STA-GO26 (Carbon Monoxide for Heavy Old - made Car)
—氧气含量 7	real	STA-GO27 (Carbon Monoxide for Light Old - made Car)
—M1 高怠速 CO 标准	real	STA-HCOM1 (M1 Fast Idle CO Standard)
—N1 高怠速 CO 标准	real	STA-HCON1 (N1 Fast Idle CO Standard)
—货箱高度差	real	STA-HDBOX (Height Difference between Left and Right Box)
—前部高度差	real	STA-HDFRNT(Height Differ. between Left and Right Front)
—M1 高怠速 HC 标准	real	STA-HHCM1 (M1 Fast Idle HC Standard)
—N1 高怠速 HC 标准	real	STA-HHCN1 (N1 Fast Idle HC Standard)
—声级上限	real	STA-HSNDHI(Upper Boundary of Sound Level)
—声级下限	real	STA-HSNDLO(Lower Boundary of Sound Level)
—点火高压高限	real	STA-IGNHVH(Upper Boundary of Ignition High Voltage(kV))
—点火高压低限	real	STA-IGNHVL(Upper Boundary of Ignition High Voltage(kV))
—客车漆面光洁度	real	STA-LACQR0(Lacquer Finish of Car)
—货车驾驶室漆面光洁度	real	STA-LACQR1(Lacquer Finish of Drive Cabinet of Truck)
—左灯远光水平偏左 0	real	STA-LFLHB0(Max Left Offset of Left Far Beam for Industry)
—左灯远光水平偏左 1	real	STA-LFLHB1(Max Left Offset of Left Far Beam for Farmer)
—左灯远光水平偏右 0	real	STA-LFLHU0(Max Right Offset of Left Far Beam for Industry)
—左灯远光水平偏右 1	real	STA-LFLHU1(Max Right Offset of Left Far Beam for Farmer)
—右灯远光水平偏 0	real	STA-LFRH0 (Max Horiz. Offset of Right Far for Industry)
—右灯远光水平偏 1	real	STA-LFRH1 (Max Horiz. Offset of Right Far for Farmer)

—远光垂直偏下限 0	real	STA-LFVB0 (Min Vertical Offset of Far Beam for Industry)
—远光垂直偏下限 1	real	STA-LFVB1 (Min Vertical Offset of Far Beam for Farmer)
—远光垂直偏上限 0	real	STA-LFVU0 (Max Vertical Offset of Far Beam for Industry)
—远光垂直偏上限 1	real	STA-LFVU1 (Max Vertical Offset of Far Beam for Farmer)
—新车二冲程亮度 0	real	STA-LI2N0 (2 - Lamps Illumination for New Industry Car)
—新车二冲程亮度 1	real	STA-LI2N1 (2 - Lamps Illumination for New Farmer Car)
—在用车二冲程亮度 0	real	STA-LI2U0 (2 - Lamps Illumination for Plied Industry Car)
—在用车二冲程亮度 1	real	STA-LI2U1 (2 - Lamps Illumination for Plied Farmer Car)
—新车四冲程亮度 0	real	STA-LI4N0 (4 - Lamps Illumination for New Industry Car)
—新车四冲程亮度 1	real	STA-LI4N1 (4 - Lamps Illumination for New Farmer Car)
—在用车四冲程亮度 0	real	STA-LI4U0 (4 - Lamps Illumination for Plied Industry Car)
—在用车四冲程亮度 1	real	STA-LI4U1 (4 - Lamps Illumination for New Farmer Car)
—近光水平偏上限 0	real	STA-LNH0 (Max Horiz. Offset of Near Beam for Industry)
—近光水平偏上限 1	real	STA-LNH1 (Max Horiz. Offset of Near Beam for Farmer)
—近光垂直偏下限 0	real	STA-LNVB0 (Min Vertical Offset of Near Beam for Industry)
—近光垂直偏下限 1	real	STA-LNVB1 (Min Vertical Offset of Near Beam for Farmer)
—近光垂直偏上限 0	real	STA-LNVU0 (Max Vertical Offset of Near Beam for Industry)
—近光垂直偏上限 1	real	STA-LNVU1 (Max Vertical Offset of Near Beam for Farmer)
—折算里程	real	STA-MILECA(Calibrate Mileage)
—检测里程	real	STA-MILEDE(Taximeter Detect Distance)
—里程上限	real	STA-MILEHI(kms Upper Boundary of Taximeter Calibration)
—里程下限	real	STA-MILELO(kms Lower Boundary of Taximeter Calibration)
—驻车拉力 0	real	STA-PLVRF0(Park Lever Force of Small Passenger)
—驻车拉力 1	real	STA-PLVRF1(Park Lever Force of Else Automotive)
—汽功率比	real	STA-POWRTI(Minimum Power/Mass of Industry Automotive)
—驻车踩力 0	real	STA-PPDLF0(Park Pedal Force of Small Passenger)
—驻车踩力 1	real	STA-PPDLF1(Park Pedal Force of Else Automotive)
—驻车力 0	real	STA-PSUM0 (Lower Boundary of Park Force for Big Load)
—驻车力 1	real	STA-PSUM1 (Lower Boundary of Park Force for Small Load)
—滑行阻力	real	STA-SLDRST(Max Slide Resistance Ratio)
—无增压消光度	real	STA-SMKLA0(Smoke Light Absorbency without Turbine)
—增压器消光度	real	STA-SMKLA1(Smoke Light Absorbency with Turbine)
—车速表上限	real	STA-SPDOHI(Upper Speed Boundary of Speedo 40km/h Calibration)
—车速表下限	real	STA-SPDOLO(Lower Speed Boundary of Speedo 40km/h Calibration)
—大修侧滑上限	real	STA-SSLIP1(Upper Boundary of Side Slip After Big Maintenance)
—侧滑上限	real	STA-SSLIPF(Upper Boundary of Side Slip)
—转 向 力	real	STA-STRFRC(Steering Wheel Operation Force)
—高速车转向盘自由转量	real	STA-STRTH0(Steering Wheel Free Angle for Hi Speed Automotive)
—低速车转向盘自由转量	real	STA-STRTH1(Steering Wheel Free Angle for Low Speed Automotive)
—起动压降高限	real	STA-STTVD (Starting Battery Voltage Descent(V))
—大车摆动	real	STA-SWINGL(Swing of Large Automotive)
—小车摆动	real	STA-SWINGS(Swing of Small Automotive)
—三轮轴荷比	real	STA-SWRT3W(Min. Dif - mass/Axle - mass of 3 Wheel Motor Car)

—其他轴荷比	real	STA-SWRTEL(Min. Dif - mass/Axle - mass of Else Automotive)
—小客轴荷比	real	STA-SWRTSP(Min. Dif - mass/Alxe - mass of Small Passenger)
—转弯直径	real	STA-TDIAMT(Turning Diameter)
—车轮动平衡标准	real	STA-WDYNA (Wheel Dynamic Balance(g))
—小车车轮摆动	real	STA-WSWNC0(Wheel Swing for Small Automotive(mm))
—大车车轮摆动	real	STA-WSWNC1(Wheel Swing for Big Automotive(mm))
—左右轴距差	real	STA-XBASED(Axle Base Difference)
—底盘外检不合格权重	real	STA-XCHSS (Failed Weight for Visual Check Under Chassis)
—外观检查不合格权重	real	STA-XFIELD(Failed Weight for Visual Check Above Chassis)
—外检子系统不合格权重	real	STA-XSUBS (Failed Weight for Visual Check Subsystem)
—总外检不合格权重	real	STA-XVISUA(Failed Weight for Visual Check)

A.15 正在采用的收费标准信息表

正在采用的收费标准信息表 Uprice(检测站→管理部门)应包括以下栏目：

—单价代码	int	UPRICE-ID (Unit Price Item ID)
—单价	money	UPR-AMOUNT(Unit Price)
—收费大项	varchar(20)	UPR-CLASS (Charge Class)
—项目内容	char(40)	UPR-NAME (Detail Name)
—备注	varchar(40)	UPR-REMARK(Remark)
—项目属性	tinyint	UPR-TYPE (Detail Property)
—计量单位	char(10)	UPR-UNIT (Unit)

A.16 检测站员工清单 表 Employee

检测站员工清单 表 Employee(检测站→管理部门)应包括以下栏目：

—职员代码	char(10)	EMPLOYEEID(Employee ID)
—出生日期	datetime	EMP-DBIRTH(Date of Birth)
—学位	char(10)	EMP-DEGREE(Degree)
—学历	varchar(20)	EMP-EDU (Education Level)
—姓名	varchar(20)	EMP-NAME (Name)
—籍贯	varchar(40)	EMP-NATIVE(Native Place)
—照片	image	EMP-PICTUR(Picture)
—职务	varchar(20)	EMP-POSITN(Titles of Position)
—技术职称	char(12)	EMP-RANK (Technic Rank)
—最后毕业学校	varchar(40)	EMP-SCHOOL(Last Graduated School)
—性别	char(2)	EMP-SEX (Sex)

A.17 检测设备清单 Facility

检测设备清单 Facility(检测站管→理部门)应包括以下栏目：

—检测设备资产代码	varchar(20)	FACILITYID(Gauge Assess ID)
—安装日期	datetime	FAC-DATEI (Installation Date)
—制造日期	datetime	FAC-DATEM (Manufacture Date)
—购买日期	datetime	FAC-DATEP (Purchasement Date)
—产品型号代码	char(20)	FAC-MODEL (Model's Code)
—仪器名称	char(50)	FAC-NAME (Gauge's Name)
—维护人员	char(10)	FAC-PSERVI(Service Staff Names)
—制造序号	varchar(20)	FAC-SN (Manufacture Serial Number)

—台子规格	real	FAC-SPECIF(Specification)
—生产厂家	char(50)	FAC-VENDOR(Vendor Name)

A.18 检定记录 Calibrat

检定记录 Calibrat(检测站→管理部门)应包括以下栏目:

—检定记录号	int	CALIBRATID(Calibration Record No)
—检测设备资产代码	varchar(20)	FACILITYID(Gauge Assess ID→FACILITY.FACILITYID)
—检定单位	varchar(40)	CAL-AUTHOR(Calibration Authority)
—检定日期	datetime	CAL-DATEC (Calibration Date)
—发证日期	datetime	CAL-DATEV (Certify Date)
—检定执行人	varchar(20)	CAL-PCHECK(Person to Calibrating)
—鉴定核准人	varchar(20)	CAL-PVERIF(Person to Verify)
—检定合格证编号	varchar(30)	CAL-SNCERT(SN of Certificate)

附 录 B
（规范性附录）
数据进口接口格式

B.1 维修业户表

维修业户表 Menders(管理部门→检测站)应包括以下栏目：

—业户代码	char(10)	MENDER-ID (Maintenance Business Proprietor ID)
—业户名称	varchar(50)	MEN-NAME (Maintenance Business Proprietor Name)
—业户地址	varchar(50)	MEN-ADDRESS(Address)
—经营许可证号	varchar(20)	MEN-LICENC (Licence ID)
—企业级别	char(4)	MEN-CLASS (Class)
—企业类别	char(4)	MEN-TYPE (Type)

B.2 车辆状态表

车辆状态表 Vehicles(管理部门→检测站)应包括以下栏目：

—车辆(挂车)牌照号	char(12)	PLATE-ID (Plate Number)
—车牌颜色	varchar(4)	PLATE-COLOR(Number Plate Color)
—厂牌型号	char(16)	MODEL-NAME (Brand and Model Name)
—发动机号	varchar(12)	ENGINE-NO (Engine Serial Number)
—车架号	varchar(12)	CHASSIS-NO (Chassis Serial Number)
—车辆类别	varchar(16)	VCLASS-ID (Vehicle's Class ID)
—出厂日期	datetime	VEH-DATEM (Date for Leaving Factory)
—营运日期	datetime	VEH-DATEB (Date for Business)
—车身颜色	varchar(6)	VEH-COLOR (Vehicle Body Color)
—燃料类型	varchar(6)	VEH-FUEL (Vehicle Fuel Type)
—车辆(挂车)吨位	numeric(4,2)	VEH-MASSTT (Total Mass of Vehicle)
—客车座位	smallint	VEH-SEATS (Seats for Passengers)
—客车铺位	smallint	VEH-BEDS (Beds for Passengers)
—客车级型	char(12)	VEH-PRANKT (Rank and Type of Passengers)
—额定功率	numeric(4,1)	VEH-EPOWER (Rated Engine Power)
—行驶里程	numeric(8,2)	VEH-ODO (Odometer Reading)
—车辆照片	image	VEH-PICTURE(Picture of the Vehicle)
—道路运输证号	varchar(10)	VLICENSEID (Vehicle Transport License ID)
—营运状态	varchar(2)	VEH-BUSINESS(Vehicle Business State)
—车主代码	char(10)	OWNER-ID (Owner ID)
—车主名称	varchar(50)	VEH-ONAME (Owner Name)
—经营许可证号	char(20)	OLICENSEID (Owner Transport Business License ID)
—车辆识别号	char(17)	VIN (Vehicle Identification Number)
—座位排列型式	char(8)	VEH-PATTNS (Arrange Pattern of Seats)
—铺位排列型式	char(8)	VEH-PATTNB (Arrange Pattern of Beds)

B.3 车辆异动表

车辆异动表 Vicissitude(管理部门→检测站)应包括以下栏目：

—车辆(挂车)牌照号	char(12)	PLATE-ID (Plate Number)

—车牌颜色	varchar(4)	PLATE-COLOR(Number Plate Color)
—异动类别	varchar(10)	VIC-TYPE (Variation Type)
—异动情况	varchar(50)	VIC-TEXT (Variation Content Text)
—异动时间	datetime	VIC-DATE (Variation Date)
—异动记录	int	VIC-TIMES (Variation Times)

B.4 检测维修信息表

检测维修备案信息表 Reference(管理部门→检测站)应包括以下栏目：

—车辆(挂车)牌照号	char(12)	PLATE-ID (Plate Number)
—车牌颜色	varchar(4)	PLATE-COLOR(Number Plate Color)
—车辆技术等级	varchar(6)	REF-TARANK (Technique Assess Rank)
—技术等级评定日期	datetime	REF-TADATE (Technique Assess Date)
—本次二级维护时间	datetime	REF-M2DATE (Date of Last Maintenance Class 2)
—下次二级维护时间	datetime	REF-M2NDATE(Date for Next Maintenance Class 2)
—车辆二级维护备案记录	int	REF-M2TIMES(Times of Maintenace Class 2)
—客车级型	char(12)	REF-PRANKT (Passager Carrier Rank and Type)
—客车级型评定日期	datetime	REF-PRDATE (Passager Carrier Rank and Type Assess Date)

B.5 营运状态信息表

营运状态信息表 Business(管理部门→检测站)应包括以下栏目：

—车辆(挂车)牌照号	char(12)	PLATE-ID (Plate Number)
—车牌颜色	varchar(4)	PLATE-COLOR(Number Plate Color)
—营运状态	varchar(4)	BUS-SHUTOUT(Flag for Shutout)

参 考 文 献

GB 50057	建筑物防雷设计规范
GB 5080－1997	设备可靠性实验
GB/T 13423	工业控制用软件评定准则
GB/T 13983	仪器仪表基本术语
GB/T 15312	制造业自动化术语
JT/T 415	道路运政管理信息系统 编目编码规则