KES

Standard Parts (Simplifying) Management

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Contents

1. Scope of Application

2. Purpose

3. Terminology

4. Standard Parts Management System

5. Selection and Use of Standard Parts

6. Approving System of Development and Verification of Standard Parts

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1. Scope of Application

This standard shall be applied for choice and use of standard parts according to the standard management and for the overall items of development standard, simplifying, commonizing of standard parts.

Remark : This standard shall follow KMS B 020000 (Work division regulation), KES E 010200 (Managing rule of engineering standard), and KMS C 420000(Deliberation committee regulation of company rule).

2. Purpose

This standard is to reduce the cost by commonizing and simplifying standard parts, to improve the product's quality and to optimize the standard parts by regulating overall items related to standard management and standard parts (Simplified) management.

3. Terminology

(1) Standard Part (Standard)

As it is the one that standardizes shape dimension and quality of commonly used element part for all types of cars, it is replaceable standard with drawings.
(KMS E 010200)

Remark : Generally it means the standard part whose number starts with "9."
[Refer to KES N-J001 (Consisting part display standard), KES A-A006 (Standard parts numbering system)]

(2) TASK DB

It stands for Technical Information & Arrangement System of Kia.

Remark : By selecting the field to classify the objects to be simplified for standard parts in TASK DB, provide the setting information of objects to be simplified for standard parts.

4. Standard Parts Management System

4.1 Standard Parts Simplifying Management System shall be as the appendix 1.

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4.2 The departments related to standard parts management shall be as follow.

(1) Department of Standard Managing for Standard Parts
Responsible department of standard managing for standard parts is the engineering management department in central engineering laboratory that manages overall items of standard parts management. (KMS B 020000)

(2) Department that uses the standard parts
Department that uses the standard parts shall be each design department.

(3) Other departments related to standard parts delivery, material control, development shall follow KMS B 0200000 (Work division regulation).

5. Selection and Use of standard parts

5.1 Selection and use of standard parts that is suitable for the usage and character considering its purpose of use, not being contrary to their simplifying and commonizing.

5.2 By following the standard list of usage classification of standard parts, appendix 2, when choosing standard parts, use preferably the standard parts with “s” indication on TASK DB.

Remarks 1. By selecting the field to classify the objects to be simplified for standard parts in TASK DB, provide the selecting information of objects to be simplified for standard parts. (Refer to On - Line Search Skill)

2. By utilizing the status information of standard parts through LAN installed in laboratory, choose standard parts.
(Refer to the search skill for status information of standard parts.)

5.3 Design Department

5.3.1 Choice and Use of New Standard Parts

(1) For new standard parts, after making it sure if there is similar parts being developed, same development, and conflict to standard of simplification, choose them.

(2) For new standard parts, after checking the item (1) (Approving System of

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Development and Verification of Standard Parts) make the verification request form of standard parts by following item 6 and submit it to related department. Use them after having an approval.

5.3.2 Choice and Use of Standard Parts Being Currently Used

(1) When using the standard parts being currently used for new model exhibition and design change, use them after checking whether the standard parts being currently used conflict to simplification. If they do, execute 설변 with replacing standard parts and make a standard parts commonization result notification (Separated form #2) and notify it to related department.

(2) When a standard part is chosen as a simplification object by pushing simplification, the responsible designer shall execute design change with the replacing standard part. Here, if it is unavoidable to limited-use due to relation of corresponding parts, tools, etc., make a verification request for standard part using (Separated form #1) nd notify it to related department.

(3) If it is unavoidable to use the standard parts whose simplification object selecting code is not "s", make a verification request for standard part using according to (Approving System of Development and Verification of Standard Parts) and use them after having an approval.

5.4 Related Department of Standard Parts

5.4.1 Execute the Approving System of Development and Verification of Standard Parts, and manage it.

(1) Receive, check, and correct the verification request for standard part (Developing, using, and changing) (Separated form #1) and notify the results to related department.

(2) Execute a maintenance of KES.

5.4.2 Select the simplification objects of standard parts and push them to be simplified.

(1) Select the simplification object code by simplification, and make a simplification object selecting form (Separated form #3), and store it in TASK DB.

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