



**PLANT STANDARD
HYDERABAD**

HY0230261

REV. NO. 03

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LIST OF APPLICABLE STANDARDS ON LIMITS, FITS AND TOLERANCES

1.0 SCOPE:

The standard covers the list of applicable standards on Limits, Fits and Tolerances. These standards are applicable unless or otherwise specified.

2.0 LIST OF APPLICABLE STANDARDS:

SL. NO.	STANDARD NO.	TITLE
1.	AA0230201	Limits and Fits (Tolerance grade, Position and Class).
2.	AA0230202	Limits and sizes for commercial bolts and nuts.
3.	AA0230204	Guide for selection of Fits.
4.	AA0230206	Standard limits for Shafts (upto 500 mm).
5.	AA0230207	Standard limits for Shafts (above 500 mm and upto 3150 mm).
6.	AA0230208	Allowable deviations for dimensions without specified tolerances (linear and angular).
7.	AA0230402	Permissible deviations for untoleranced dimensions of castings.
8.	AA0230403	Tolerancing system ISO Metric Screw Threads
9.	AA0621101	Tolerances and Machining allowances for Flame cutting.
10.	AA0621104	General tolerances for welding constructions for length and angles.
11.	AA0621105	General tolerances for welded structures – form and position.

Revisions:

Issued :

Withdrawn standards deleted (2 Nos.).

STANDARDS ENGINEERING DEPARTMENT

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Reaffirmed:

**Prepared:
MANAGER
(STDS. ENGG.)**

Approved:

AGM (E&CC)

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NOTE:

1) AA 023 02 08

Medium class of deviation is applicable, if the same is not mentioned on the drgs./specs.

2) AA 023 04 02

Tolerance class 5 is applicable, if the same is not mentioned on the drgs./specs.

3) AA 062 11 04

Accuracy class A is applicable if the same is not mentioned on the drgs.

4) AA 062 11 05

Accuracy class E is applicable, if the same is not applicable on drgs.

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