

MATERIAL STANDARDS

DIESEL COMPONENT WORKS, PATIALA (AI)

NUMBER	D 54140
INDEX	STEEL PLATE
SHEET	A
DATE	9-2-72

PURCHASING INFORMATION CARBON STEEL SHEARED-MILL PLATE, ASTM A283 GRADE B

DESCRIPTION:

This specification covers a good quality of open-hearth carbon steel sheared-mill plate, up to and including 1 1/2" thick, conforming to ASTM Specification A283 Grade B (NOT RIMMED).

CHEMICAL COMPOSITION %. (AS OF ASTM HANDBOOK 1952. LATEST ISSUE PREVAILS)

<u>PHOSPHORUS</u>		<u>SULPHUR</u>
Acid .06 Max.	Basic .04 Max.	.05 Max.

PHYSICAL PROPERTIES:

<u>TENSILE STRENGTH</u> LBS. PER Sq. IN.	<u>YIELD POINT</u> LBS. PER SQ. IN.	<u>* ELONGATION</u> IN 8". % IN 2". %
50,000-60,000	27,000 Min.	25 Min. 28 Min.

NOTE: *The elongation given above is modified according to thickness, as shown in the ASTM Specification A283 (Latest Issue).

PURCHASED CONDITION:

Hot Rolled SHEARED-MILL Plates, As Rolled.

NOTE: All other conditions, not specified herein, must meet AISI Standards.

MARKING:

Marking to be in accordance with ASTM A283 (latest issue). For plates 3/8" and under in thickness, in all sizes, and all narrow plates upto 36" in width, all thicknesses, it is permissible to prepare them in secured lifts with the mill's name or brand and the heat number steel die stamped, marked or stencilled, on the top piece of each lift, or identified by means of a metal tag attached to each lift.

INSPECTION:

Two copies of sworn test reports to be sent to the Chief Inspecting Officer, Diesel COMPONENT WORKS, PATIALA giving the actual chemistry and physical properties of the material supplied.

REVISION 18-6-53

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 PATIALA WAS VARNASHI
 ALTERATION
 AI
 26/11/77
 SUPERCHA
 BY SDO
 27/11/77
 VALDIBATED
 BY WMP/PLG

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