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## DETAILS OF TESTS/CHECKS &amp; ACCEPTANCE CRITERIA.

SL. NO.	TEST/CHECK	SAMPLE SIZE	ACCEPTANCE VALUES
I	HARDNESS	LEVEL-III, AQL-1.5.	190 TO 230 H.V.
II	SURFACE FINISH	GENERAL INSPECTION LEVEL-III AQL-1.5.	SMOOTH FINISH.

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## OTHER TESTS:-

- I) MAGNETIC TEST FOR CRACK DETECTION TO BE CARRIED OUT AS PER LEVEL-III, AQL-0.65. IS:2500:2000.
- II) RADIO GRAPHIC TEST :- 5% OF EACH CAST/HEAT.  
(ASTM E192): (VERIFIED FROM NABL LAB.  
CERTIFICATE SUBMITTED BY FIRM).

## NOTE:-

- 1) PHYSICAL PROPERTIES & OTHER TESTS AS PER REQUIREMENT OF RELEVANT SPECN.
- 2) TEST REPORT IS TO BE ISSUED FROM NABL APPROVED LAB./DGQA LAB./DGQA APPROVED LAB./ORDNANCE FACTORIES LAB.
- 3) RECORD OF TEST REPORT WITH REFERENCE TO MIS NO. ARE TO BE MAINTAINED.
- 4) ENSURE MARKING OF MANUFACTURER'S CODE ON THE STORE SUITABLY & ENTRY OF LOT NO. & YEAR OF MANUFACTURE IN PRE INSPECTION REPORT.
- 5) TEST PIECES (CAST ALONG WITH THE COMPONENT) AS SPECIFIED IN THE GOVERNING SPECN. ARE TO BE SUBMITTED FOR CHECKING CHEMICAL COMPOSITION & MECHANICAL PROPERTIES.

APPROVED

RFI

SQA(SA)