

Date:10-03-2021

Vendor Qualification Criteria For AI/Steel Armour

Sl. No.	Nomenclature & Drawing No.	Manufacturing Technology & Testing / Inspection Facilities required to produce the item	Must be possessed by the vendor in his own premises (List of Plant & Machinery and Testing / Inspection facility to be submitted)	May be possessed by the Vendor in his own premises (or) may be outsourced (Name and Address of sub-contractor, list of Plant & Machinery and Testing / Inspection facility to be submitted)
5	Armour Steel 15 Grade 54P - Size 15 mm X 1150 mm X 6650 mm (LF No. 0359026015) Drg. No HVF/ T-90/IMP/ 15mm/289	<p>Technology 1 Steel Making</p> <p>Technology 3 Rolling</p> <p>Technology 5 Cutting</p> <p>Technology 6 Heat Treatment</p> <p>Test/Inspection 1 Testing</p> <p>Test/Inspection 2 Ballistic Testing</p>	<p>Technology 1 Rolling mill of suitable capacity to manufacture the finished sheets with dimensional tolerances of the thickness.</p> <p>Technology 5 Cutting machine for making final dimensions of the plate/ component</p> <p>Technology 6 Heating furnace of suitable size and capacity for Heat Treatment of the finished Plates.</p> <p>Test/Inspection 1 Metallograpy and mechanical (Hardness Tester, Tensile UTM) Test facility and dimensional measurements</p>	<p>The process of Steel making as per industry standard methods practiced at reputed manufacturers such as SAIL/RSP/RINL and MoU with reputed manufacturer for supply of billets of 54P material</p> <p>Final Acceptance will be after clearance of Ballistic test on Heat treated plate. Test will be arranged by HVF at PXE/CPE.</p>

6650

1150

WEIGHT = 895 kg/PLATE

CHECKED		APPROVED	<i>Wodt</i>
ARMOUR STEEL 15		GRADE 54Π	
DRG No: HVF / T-90 / IMP/15mm /289			