

Date:10-03-2021

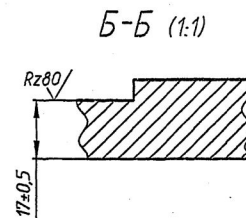
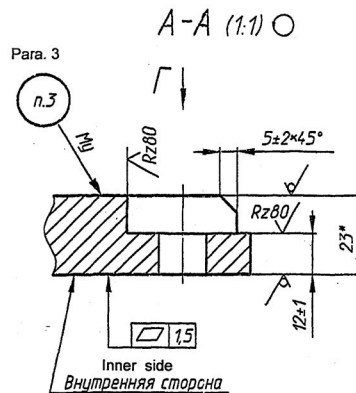
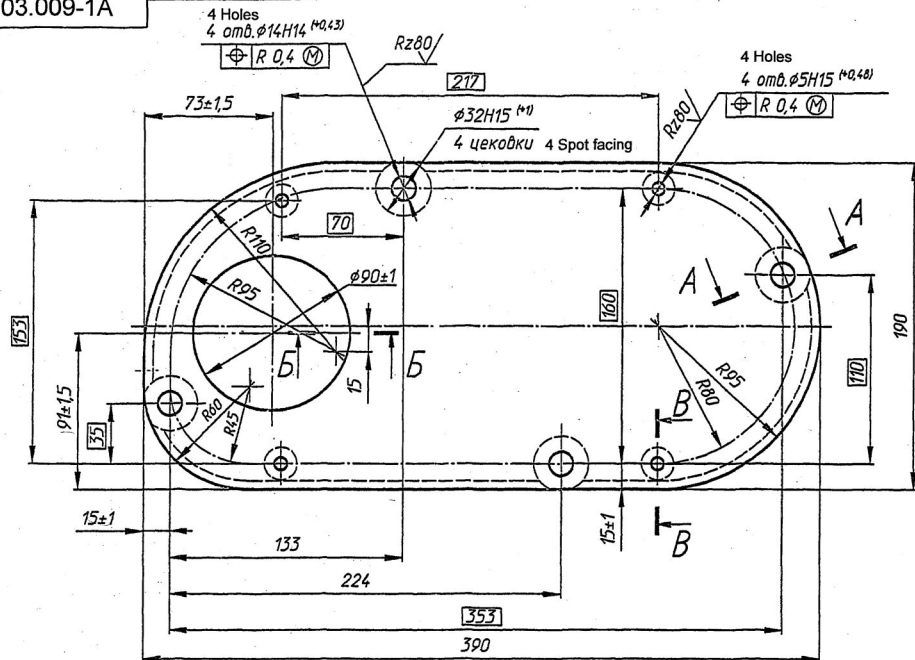
Vendor Qualification Criteria For Al/Steel Armour

SI. 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)
2	Aluminium Armour Plate - Cut Blank, Grade ABT -101, Size 23X220X420mm (LF No. 6206910319) Drg. No 175.03.009-1A/FC	Technology 1 Manufacturing of Ingots		The of Production of Ingots As per industry standards from reputed manufacturers such as NALCO/BALCO/HINDALCO.
Technology 2 Melting of ingots			Melting and casting facility for Melting of Aluminium Ingots to make billets of suitable size & material as per OST B3.75-86	
Technology 3 Hot Rolling			Hot Rolling mill of suitable capacity for manufacturing of Plates from Billets	
Technology 4 Cold Rolling			Cold rolling mill of suitable capacity to manufacture the finished sheets with dimensional tolerances of the thickness.	
Technology 5 Cutting			Cutting / Trimming machine for making final dimensions of the plate/ component	
Technology 6 Solutionizing/ Heat treatment			Heating Furnace of suitable size and capacity to solutionizing and Ageing and HT equipment the finished components.	
Test/Inspection 1 Testing			Metallograpy and mechanical (Hardness Tester, Tensile UTM) Test facility and dimensional measurements	
Test/Inspection 2 Ballistic Testing				Final Acceptance will be after clearance of Ballistic test on Heat treated plate. Test will be arranged by HVF at PXE/CPE.

DRG. INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - 3.
COMMON TO T-72 & BLT

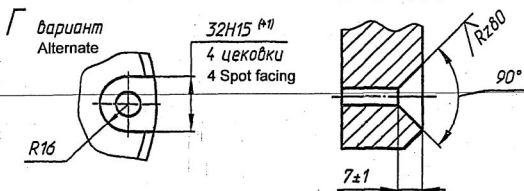
DRAWING NUMBER
175.03.009-1A

SHEET No. 1 OF 1



1. Deviation of contour of component from gauge, made as per nominal dimension should be $0^{+2}_{-0.5}$ mm.
2. *Dimension for reference.
3. Mark the material as per GOST 2171-90 with type ПО-5 GOST 2930-62.
4. Coating of outer surface
Primer B/1-02
Primer AK - 070
Protective Enamel XB-518
Inner surface
primer AK-070
Dark - grey enamel ПФ -223 or dark-grey ПФ -115, 894.
Requirement as per 520.TY5.
5. Other requirements as per 520.TY1.

356
SUPPLY CODE
U-01-1-2
D90040



PILOT-SAMPLE SHOULD BE APPROVED BY A H S P
BEFORE BULK PRODUCTION.

EST. WT. (kg) 3.9	TO BE STAMPED OR MARKED WHERE INDICATED THUS # (LETTERS)
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ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS
OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT-
SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

DRN	<i>BRUNDA</i>
CHD	<i>B. 70</i>
APPD	<i>Chauhan</i>
DATE	<i>14-10-04</i>
SCALE	1:2
DIMENSIONS IN mm	
TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69	
ALL THREADS TO CONFORM TO	
ISSUE	DATE
	NATURE OF AMENDMENTS

MATERIAL:- PLATE AБТ-101 Т1 23 ОСТ B3-75-86	USED ON:- 175.03.017cb-1Cb 172.03.017cb-1Cb
CONTROLLERATE OF QUALITY ASSURANCE (HEAVY-VEHICLES) AVADI	

TITLE:-
 ACCESS HOLE COVER

D S CAT NUMBER	DRAWING NUMBER 175.03.009-1A
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F-61
52
SIZE A4x3

Rz630/√

