

EXPRESSION OF INTEREST

Sub:- DRAFT QRs/TDs OF MS STEEL BARREL 18 KG

This is for general information of the firms/manufacturer of MS Closed Barrel 18kg that under mentioned QRs/TDs have been framed by Board of Officers as enclosed with board proceedings. All the interested vendors/ firms are requested to go through the same and give their suggestions, if any, by 10.03.2021 on e-mail ID: diglndc@itbp.gov.in

2. A hard copy of suggestions may also be sent to the Dy. Inspector General, SHQ(L&C), ITB Police, MHA/Govt of India, Chhawla Camp, Najafgarh Road New Delhi 110017 (Fax No. 011-25317066).


19/2/21
Dy Inspector General (Prov)
Dre. General, ITB Police

-Restricted-
BOARD PROCEEDINGS - PREPARATION OF QRs & TDs OF 18KG MS CLOSED BARREL

Proceedings by	Board of Officers
Venue	DIG (L&C) Office, Chawla camp, New Delhi
Date & Time	30 Jan 2020 1000hrs
By Order	DIG (Prov) Dte Gen Office Order no - Nu 1562 DA/TFD 04 Nov 2019
Purpose	Preparation of Qualitative requirements QRs and Trial Directives TDs of 18KG MS closed Barrel.

1. The following Board of Officers were nominated for the purpose cited above.

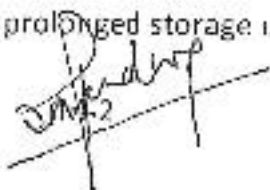
Board Details	Name of Officer	Rank/ Designation	Fmn/Unit
Presiding Officer	Sh Nirbhaj Singh	DIG	L&C
Member -1	Sh Mukesh Saraf	Commandant	SS Bn
Member - 2	Sh Puneet Sachdeva	Deputy Comdt	NE Ftr

2. The above mentioned BOO's assembled at the said venue and analyzed the following:-

S No	Parameters for consideration	Remarks
01	Type of Fuel to be stored	MS/HSD/K-Oil
02	Duration and place of storage	Especially in BOPs & CHQ
03	Frequency of transportation	Very frequent over bad road conditions
04	Weather /Terrain	Extreme cold conditions, rugged terrain

3. During preparation, QR's All technical and non technical parameters were thoroughly checked and analyzed by the BOO's.

4. The QR's & TD of 18Kg MS closed Barrel for the Fuel storage have been designed by the BOO's with the vision to increase the efficiency level of MT fleet by avoiding fuel adulteration due to prolonged storage under adverse weather condition.



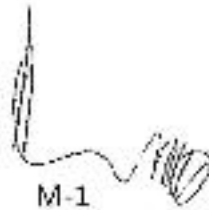
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Recommendations

1. Provider/Supplier/manufacturer should have supplied to IOC/BP/HP.
2. Internal Corrosion resistant during prolonged Diesel / Petrol / K-Oil storage for 6 month warranty be sought.
3. The physical parameters will be inspected during the PDI by the nominated BOOs and also witness all other necessary required tests (as per IS) mentioned in the trial directives through NABL/ILAC accredited or central Govt. authorized Lab/agency. (All necessary arrangements, Fees including other charges taken by the testing agency shall be borne by the seller only)


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Qualitative Requirements - 18 KG MS closed Barrel 210 Ltr

PHYSICAL SPECIFICATIONS		
01	MATERIAL	Mild Steel as per IS
02	TYPE	Closed Head Type
03	CAPACITY	210 ltrs
04	WEIGHT	18 Kg
BARREL SPECIFICATION		
05	MILD STEEL	CRCA as per IS specification
06	BODY SHEET	20 Gauge
07	EXTERNAL HEIGHT	875 -885 MM
08.	INTERNAL DIA	570 – 575 MM
	EXTERNAL DIA	585 MM max
09	NOMINAL THICKNESS	Top 1MM X Body 1MM X Bottom 1MM
10	DISTANCE BETWEEN CLOSURE	450-455 mm
11	DISTANCE BETWEEN ROLLING HOOPS	275 mm 285 mm
12	DEPTH OF TOP	Closure should not protrude above chime
13	CLEARANCE FROM FLOOR	4 mm min
14.	PAINT	Black/ Military green – matt finishing (for camouflage and concealment)
15.	LABEL MARKING (IN YELLOW COLOUR)	" ITBP " (ALPHABET 4 INCHES LENGTH & 6 MM WIDTH) (as per the appendix)
16.	WARNING SIGN (WITH BACKGROUND YELLOW COLOUR)	DANGER HIGHLY FLAMMABLE LIQUID (WITH LOGO/SIGN) (as per the appendix)

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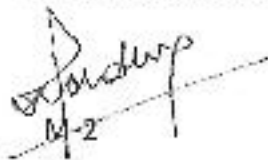
TRIAL DIRECTIVES

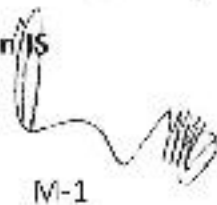
1. Physical Parameters checks:- Sample testing

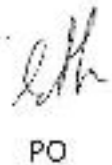
- A) Height
- B) Weight
- C) Closure
- D) Cap fittings
- E) Cautionary marking
- F) Force label
- G) Standard Mark
- I) Construction
- J) Finishing & Workmanship
- K) Embossed marking – Grade & type of marking

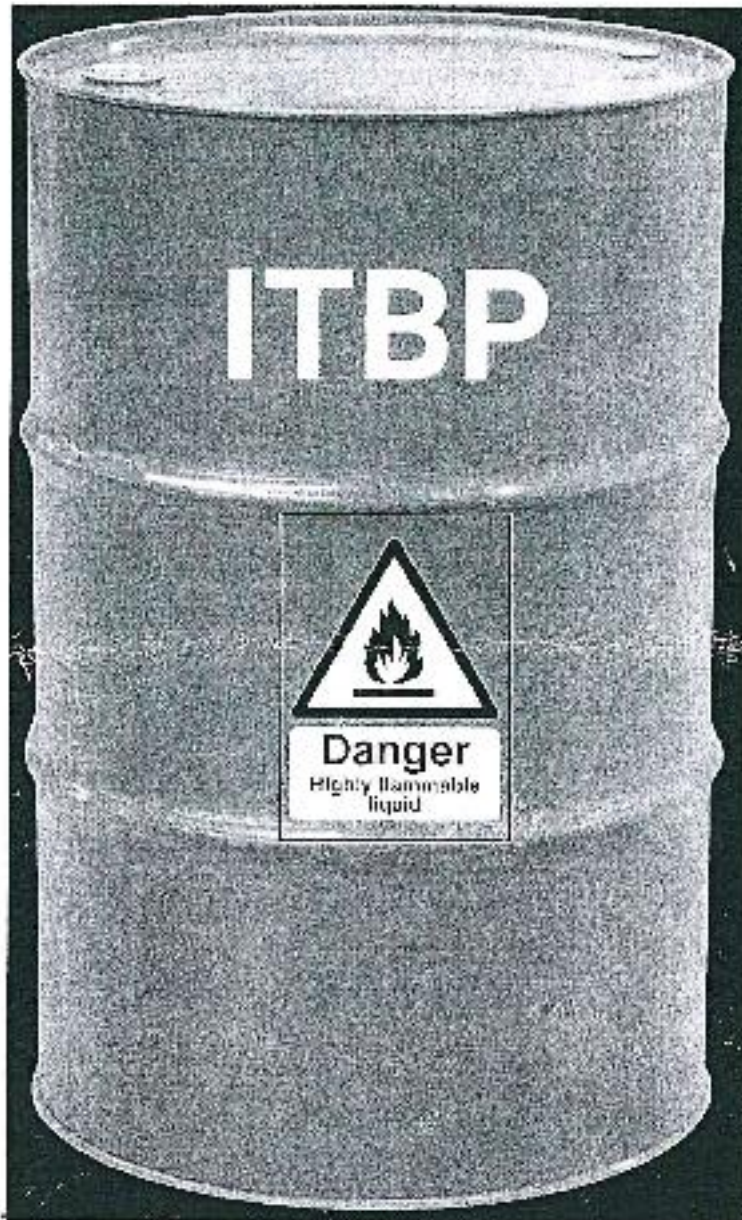
As per the specification laid out in standards (BIS) & Purchaser QR

- 2. Drop test for 20 Gauge (as per IS 1783 (Part 1) 2014) – 1.25 Mtr Height
- 3. Hydro test for 20 Gauge (As per IS 1783 (Part 1) 2014) – At 1.0 Kg/sq cm
- 4. Air pressure test for 20 Gauge (As per IS 1783 (Part 1) 2014) – At 0.5 Kg/sq cm
- 5. Paint Adhesion test as per procedure in IS


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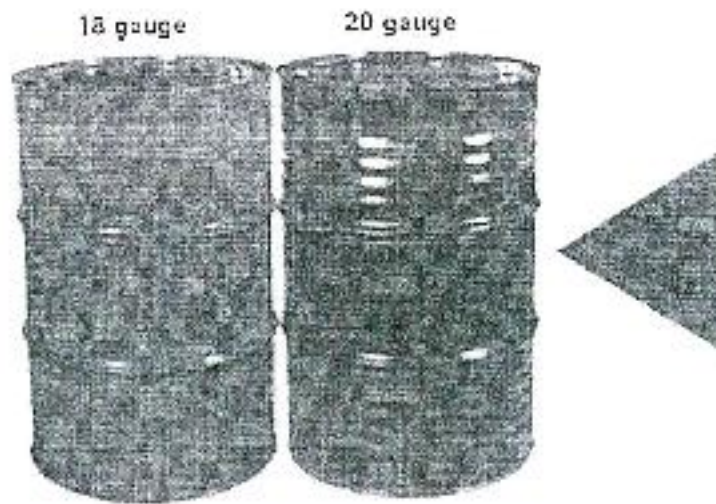

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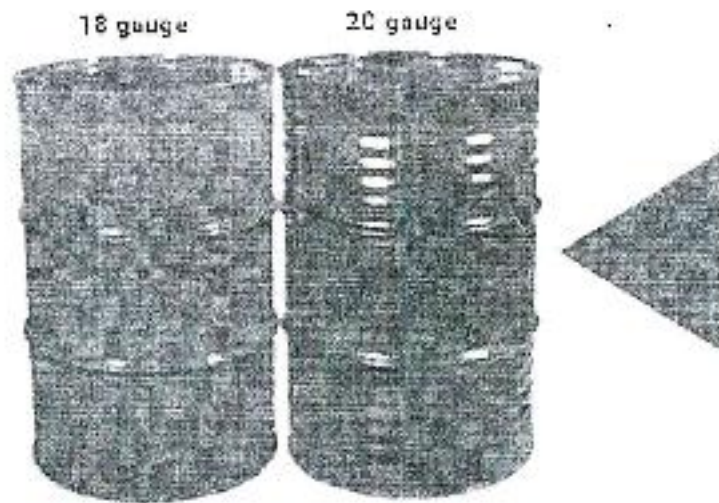
20G (1.0mm x 1.0mm x 1.0mm)

200/210 litres capacity close mouth barrel with multi corrugation.

Internally Plain or Epoxy Coated and Externally Painted to your Colour.

Tare Weight	18 Kgs + 0.5Kg
Dimensions	
Height	883 + 3mm
Diameter	584mm (max)
Opening	50mm & 20mm





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PRODUCT SPECIFICATIONS



16 gauge



20 gauge



Part Name	
Quantity	
Material	
Supplier	

Part Name

Quantity

Material

Supplier

100

25

PRODUCT SPECIFICATIONS

18 gauge



20 gauge



18 GAUGE

205' (100m) x 1.5m (5' 0")

200/210 lbs (90/95 kg) - 200/210 lbs (90/95 kg) - 200/210 lbs (90/95 kg)

Material: 100% Polyester / 100% Polyester / 100% Polyester

Face Weight	Dimensions
Height	18 Kds - 015K
Width	18 Kds - 015K
Spinning	18 Kds - 015K

GO BULK

47