

URANIUM CORPORATION OF INDIA LIMITED
JADUGUDA MINES

Annexure-1
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Public Tender No. : PUR / 2 / 46 / 8172 / 609
Item : H.C Steel Grinding Rod

M A T E R I A L D E T A I L S (Annexure-A)

Material : High Carbon Steel having the following chemical compositions :

Carbon	-	0.85 to 1.00 %
Manganese	-	0.90 to 1.20 %
Silicon	-	0.15 to 0.25 %
Sulphur & Phosphorus	-	0.04 % maximum

Physical Properties :

Hardness	-	275 BHN minimum
Condition	-	Hot rolled / forged
Tolerance in length	-	+ 0 mm - 05 mm (for 3.70 m length)
Straightness	-	Rods must be straight.
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Sizes :

Diameter	-	100 mm
Length	-	3.70 M

M A T E R I A L D E T A I L S (Annexure-B)

Material : High Carbon Steel having the following chemical compositions :

Carbon	-	0.85 to 1.00 %
Manganese	-	0.95 to 1.20 %
Silicon	-	0.15 to 0.25 %
Sulphur & Phosphorus	-	0.04 % maximum

Physical Properties :

Hardness	-	275 BHN minimum
Condition	-	Hot rolled / forged
Tolerance in length	-	+ 0 mm - 10 mm
Straightness	-	10mm maximum for the whole length.
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Sizes :

Diameter	-	100 mm
Length	-	4.40 M

M A T E R I A L D E T A I L S (Annexure-C)

Material : High Carbon Steel having the following chemical compositions :

Carbon	-	0.85 to 1.00 %
Manganese	-	0.90 to 1.20 %
Silicon	-	0.15 to 0.25 %
Sulphur & Phosphorus	-	0.04 % maximum

Physical Properties :

Hardness	-	275 BHN minimum
Condition	-	Hot rolled / forged
Tolerance in length	-	+ 0 mm - 05 mm (for 3.35 m length)
Straightness	-	Rods must be straight.

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Sizes :

Diameter	-	100 mm
Length	-	3.35 M
