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Ref . CIVIL AID : STEEL : BL/697/4/2011//1

Date : 20-04-2011

Test Order Dated : 12-04-2011

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CHEMICAL COMPOSITION -

| Sl.No | Nominal Dia* (mm) | Carbon (%) | Phosphorus (%) | Sulphur (%) | Sulphur + Phosphorus |
|-------|----------------------|------------|----------------|-------------|----------------------|
| 1 | 8 | 0.223 | 0.052 | 0.034 | 0.086 |
| 2 | 10 | 0.226 | 0.057 | 0.037 | 0.094 |
| 3 | 12 | 0.226 | 0.050 | 0.045 | 0.095 |
| 4 | 16 | 0.179 | 0.058 | 0.040 | 0.098 |
| 5 | 20 | 0.247 | 0.055 | 0.045 | 0.100 |
| 6 | 25 | 0.189 | 0.052 | 0.049 | 0.101 |

| Requirements as per IS : 1786 - 2008 (% Max) with tolerance | | | |
|---|----------|----------|-----------|
| Grade | Fe - 415 | Fe - 500 | Fe - 500D |
| Carbon (C) | 0.320 | 0.320 | 0.270 |
| Phosphorus (P) | 0.065 | 0.060 | 0.045 |
| Sulphur (S) | 0.065 | 0.060 | 0.045 |
| S & P | 0.120 | 0.115 | 0.085 |

* As furnished by the customer

Remarks : The tested samples conform to IS:1786-2008 requirements for Fe-500 Grade with respect to tests conducted.

- Note :
1. The Results relate only to the samples tested
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

for CIVIL AID TECHNOCLINIC PRIVATE LIMITED

Chentzko
20/4/11

JHA KRISHNA
Technical Officer

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