

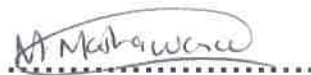
**TRANSNET ENGINEERING: FOUNDRY PRODUCT DEVELOPMENT
SUPPLY OF PIG IRON
Grade S100**



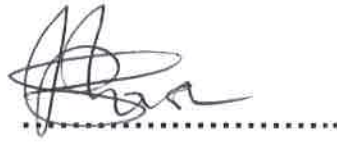
Annexure E

PRODUCT AND DEVELOPMENT FOUNDRY

Compiled By: Mukovhe Mashawana Engineer

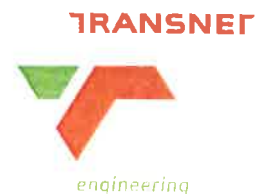
 11/07/2018

Approved By: Maje Phasha Principal Engineer

 11/07/2018

Bidders Signature

TRANSNET ENGINEERING: FOUNDRY PRODUCT DEVELOPMENT
SUPPLY OF PIG IRON
Grade S100



1. Scope

This specification outlines the minimum requirements for supply of Grade S100 Pig iron. A range of acceptable chemical composition has been specified instead of a single fixed value. The specification covers the requirements of supply and testing.

2. Chemical Working Limits

		C	Mn	Si	S	P	Fe
S100 Pig Iron Specification	Min	3.60	0.05	1.00	-	-	Balance
	Max	4.00	0.1	1.40	0.04	0.04	

The limits indicated above are in weight percentage.

3. Size of Pig Iron

Approximately 200 X 130 X 70 mm

4. Weight

Approximately 7 kg.

5. Other requirements

2 samples must be accompanied by a test certificate (analysis) from a SANAS accredited laboratory.

If the samples comply, then the supplier will be requested to supply 2 Tons pig iron for production trials, a week after notification.