

ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **T0013**

Permanent Address of Laboratory:

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Technical Signatories:

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Material or Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
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SPECTROCHEMICAL

Stainless Steel	Determination of Co, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Si, V, Ti, by XRF Spectroscopy	ILB-TEST-219
	Determination of Al, B, Sn, C, N Spark Emission Spectroscopy	ILB-TEST-219
	Determination of C by Leco	ILB-TEST-221
	Determination of N by Leco	ILB-TEST-222
High Carbon Ferrochromium	Determination of C and S by Leco	ILB-TEST-221

CHEMICAL

High Carbon Ferrochromium	Determination of Al ₂ O ₃ , Fe, Mn, Si by ICP	WLB-TEST-205
	Determination of Cr by Autotitration	WLB-TEST-347
Process/boiler effluent and Pollution, Control Water	Determination of Chemical Oxygen Demand (COD)	WLB-TEST-009
	Determination of Conductivity by Autotitration	WLB-TEST-311
	Determination of pH by Autotitration	WLB-TEST-313

Determination of Fluoride by Autotitration	WLB-TEST-312
Determination of Cr, Mn, Na, Mg by ICP	WLB-TEST-016
Determination of the following using Aquakem:	
NO ₂ ⁻	WLB-TEST-337
NO ₃ ⁻	WLB-TEST-336
Cr ⁶⁺	WLB-TEST-341
SO ₄ ²⁻	WLB-TEST-335
PO ₄ ³⁻	WLB-TEST-340
Cl ⁻	WLB-TEST-334

MECHANICAL

Metallic materials
Austenitic & Ferritic

Tensile Testing (up to 250KN)
(At ambient temperature)
0,2% Proof Stress
1,0% Proof Stress
UTS
Elongation

ISO 6892-1, ASTM E8 M

Impact Charpy (up to 406J) ISO 148-1, ASTM E23

Hardness Testing (Laboratory)

Vickers method ISO 6507-1, ASTM E384

Rockwell method ISO 6508-1, ASTM E18

METALLURGICAL

Metallic material

Grain Size & Microstructure ASTM E112 (comparison method)

Austenitic, Ferritic & Duplex
Stainless Steels

Inter-granular corrosion test-Austenitic ASTM A262 (practice A & E)

Inter-granular corrosion test-Ferritic ASTM A763 (practice W & Z)

Detrimental Intermetallic Phase in Duplex ASTM A923

Original Date of Accreditation: 01 November 1992

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



Accreditation Manager