

ANNEX A
SCHEDULE OF RECOGNITION

Facility Number	UNBS/LRS/0022	S/N	Name of personnel	Technical Signatory	Method
Roofing Rolling Mills Limited P.O.Box 35086, Kampala Mukono Seeta- Goma Division Nantabulirwa		1.	Sebakima .L.Samuel	Management Representative (Quality Systems)	
		2	Ashutosh Kumar Rai	Sr.Quality Engineer (Head of Laboratory)	
		3.	Kenneth Oula	Sr. Lab Chemist	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		4.	Betty Ampumuza	Sr. Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		5	Jalia Namyalo	Quality In-Charge	US EAS 412-1, US EAS 412-2, ISO 15630-1; ISO 6892-1; ASTM E8/E8M; ASTM E1251-17A, ASTM E 18
		6	Comfort Kabanaku	Quality Controller	US EAS 412-1, US EAS 412-2, ISO 15630-1; ISO 6892-1; ASTM E8/E8M; ASTM E1251-17A, ASTM E 18
		7	Mary Mirembe	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		8	Moses Olang	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		9	Paul Erima	Sr. Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		10	Ochan Micheal	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
		11	Ronald Mayanja	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US

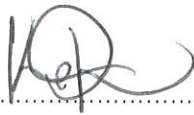
				EAS 468:2019; US EAS 410: 2005
	12	Mawangwa Ibrahim	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
	13	Galandi Emmanuel	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
	15	Joshua Opio	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
	16	Gerald Ssemujju	Quality Controller	ASTM E1251-17A; ASTM D 5723; ASTM D 5723; ASTM D 7091-05; ASTM E8/E8M; US EAS 468:2019; US EAS 410: 2005
Material or products tested	Type of tests/property measured, Range of Measurement		Standard specifications, Techniques/Equipment used	
Hot Rolled Coils	% Chemical Composition: (Table 3) Carbon-0.08 Max Manganese-0.45Max Phosphorus-0.04Max Sulphur-0.05Max		SAE 1006 US EAS 108:2013 specifications US EAS 196:2013 specifications ASTM E8/E8M; ASTM E1251-17A Using Spectrometer	
Aluminium Zinc Coated Sheets	Coating Mass- Min.71GSM (Table 4) Hardness Test- 50-100HRB Physical Dimensions (Width-600-1250mm; BMT -0.167-6.0mm Yield strength – 210 N/mm ² minimum		US EAS 410: 2005 Chemical method - Antimony tri-chloride Annex A, Rockwell Hardness Machine, tape measures, micrometer screw gauge, Vernier calipers, UTM, chemical	

	Tensile strength – 300 N/mm ² minimum	
Pre-painted Aluminium Zinc Coated Sheets	Nominal thickness (base coated metal) mm; $0.25 \leq x \leq 1.6$ Coating classes; 1, 2, 3 Gloss, % loss (Class 1 = 30, Class 2 = 35, Class 3 = 40) Minimum duration of salt Class 1 = 2000, Class 2 = 500 Class 3 = 200 Physical properties of paint coatings; Bending adhesion - No peeling on the outer surface of the bent portion not less than 7 mm apart from either side edge of the test piece Paint film - No scratch marks on the paint film Impact resistance - No peeling Adhesion - No irregularities on the tested portion Flexibility - No peeling Abrasion - No burnished appearance in rubbed area after 100 double rubs	US EAS 468:2019 Chemical test Methyl Ethyl Ketone (MEK) test Pencil hardness test DFT analyzer Bending machine Measuring tools Impact-deformation tester Micrometer screw gauge Vernier calipers Tape measure Pencil hardness tester

	on both topcoat and wash coat Paint coating (dry film thickness); Primer; 4 – 6 μm Wash coat; 7 – 9 μm Top coat; 10 – 20 μm	
Wire Rods	Chemical Composition: Carbon: 0.05% max. Wire Diameter: 5.50mm$\pm$0.05 Tensile strength	Drawing machine specification. SAE 1006 Spectrometric Micrometer screw gauge
Galvanized Wire	Zinc Coating Mass(GSM) Table 1; Wire Diameter Table 1; Tensile Strength 350 N/mm² minimum	US ISO 7989-2:2007 Antimony chloride method, micrometer screw gauge and Tensile testing Machine
Liquid metal (molten scrap)	%Chemical Composition C<0.25, Si<0.6, Mn<1.65, p<0.055, S<0.055	US EAS 412-2:2019 ASTM E8/E8M; ASTM E1251-17A, Using Strohlein apparatus, and spectrometer machine
Billets	%Chemical Composition C<0.25, Si<0.6, Mn<1.65, p<0.055, S<0.055	US EAS 412-2:2019 ASTM E8/E8M; ASTM E1251-17A Using Spectrometer Machine
TMT Bars	% Chemical Composition C<0.27, Si<0.6, Mn<1.65, p<0.055, S<0.055 Mechanical Properties, Yield Stress (500n-650n) Tensile Strength >570n, Mass Per Unit	US EAS 412-1, US EAS 412-2; ASTM E8/E8M; ASTM E1251-17A using; Universal Testing Machine (UTM), Vianier Caliper, Bending Machine

	Length, Rib Height, Rib Space, Bendability	
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ISSUED BY THE UGANDA NATIONAL BUREAU OF STANDARDS



Manager Certification Department

	UGANDA NATIONAL BUREAU OF STANDARDS CERTIFICATION SCHEME		Document No: CERT/SC/F07
	MANAGEMENT SYSTEMS AUDIT PROGRAMME		Effective Date: 2/01/2019
	Document Title:		Issue No: 02 Rev. 02

Company Name		Roofings Rolling Mills Limited				Certification Decision Date:	
Management System		US ISO/IEC 17025:2017				09/07/2020	
		TIMELINES (MONTH, YEAR)					
SN	AUDIT AREA/ PROCESS	September 2018	July 2019	February 2021	December 2021	September 2022	April 2023
		STAGE 1 AUDIT	STAGE 2 AUDIT	SURVEILLANCE AUDITS			
				1 st	2 nd	3 rd	
1.	Management Representative						
2.	Customer Department						
3.	Purchase department						
4.	Accounts and finance						
5.	Information technology						
6.	Human Resource Department						
7.	Engineering stores						
8.	Phase 2 laboratory						
9.	Phase 3 laboratory						

Note: The number of surveillance audits may vary according to the level of compliance and prevailing circumstances to ensure that there is continuous compliance