

**BUREAU VERITAS**  
Certification



## Certificate of Approval

Awarded to applicant

# USHA MARTIN LTD. (WIRE ROPES & SPECIALITY PRODUCTS DIVISION)

ADDRESS: 2A, SHAKESPEARE SARANI - PIN CODE: 700071 - KOLKATA  
INDIA

MANUFACTURER: USHA MARTIN LIMITED. (WIRE & WIRE ROPES UNIT)  
ADDRESS: TATISILWAI, RANCHI - PIN CODE: 835103 - JHARKHAND  
INDIA

The Bureau Veritas Certification certify that the product of the above organization has been assessed and found to be in accordance with the requirements of the standards detailed below

### STANDARD

ABNT NBR ISO 2408:2008, RESOLUTION NO 176 OF 06/16/09 AND RESOLUTION NO 209 OF 07/10/09 FROM INMETRO

### SCOPE OF SUPPLY

**STEEL WIRE ROPE FOR GENERAL USE  
(MODEL IN ANNEX)**

Original Approval Date: SEPTEMBER 15<sup>TH</sup> 2010

*This Certificate is subject to the continued satisfactory assessment of the supplier's product, as determined in the Contract of Certification of Product nr. 03898/2010-SPL and is valid until SEPTEMBER 15<sup>TH</sup> 2013*

Certificate Number: **BR230183**

Date: SEPTEMBER 15<sup>TH</sup> 2010



Sergio Baptista de Figueiredo Junior  
Managing and Issuing Office:  
Av. do Catê, 277, Torre B, 5º Andar  
Centro Empresarial do Aço  
04311-000 - Vila Guarani - São Paulo/SP - Brasil



O uso da identificação acima indica a acreditação com relação as atividades cobertas pelo certificado n° OCP - 0018



## Annex to Certificate

CERTIFICATE NUMBER

# BR230183

SCOPE OF SUPPLY

Diameter (mm)	Construction	Class	Type of Core	Wire Finish	Wire Resistance Category (N/mm <sup>2</sup> )
16.0	6x25	6x19	IWRC	Polish	1960
26.0	6x25	6x19	IWRC	Polish	1960
28.0	6x25	6x19	IWRC	Polish	1960
32.0	6x25	6x19	IWRC	Polish	1960
38.0	6x25	6x19	IWRC	Polish	1960
28.58	6x25	6x19	IWRC	Galvanized B	1960
32.0	6x25	6x19	IWRC	Galvanized B	1960
16.0	6x25	6x19	Fibre	Polish	1960
28.58	6x25	6x19	Fibre	Polish	1960
9.5	6x25	6x19	Fibre	Galvanized B	1960
19.0	6x25	6x19	Fibre	Galvanized B	1960
32.0	6x25	6x19	Fibre	Galvanized B	1960
8.0	6x36	6x36	IWRC	Polish	1960
9.5	6x36	6x36	IWRC	Polish	1960
11.11	6x36	6x36	IWRC	Polish	1960
28.58	6x36	6x36	IWRC	Polish	1960
35.0	6x36	6x36	IWRC	Polish	1960
38.0	6x36	6x36	IWRC	Polish	1960
50.8	6x36	6x36	IWRC	Polish	1960
19.0	6x36	6x36	IWRC	Galvanized B	1960
25.4	6x36	6x36	IWRC	Galvanized B	1960
38.0	6x36	6x36	IWRC	Galvanized B	1960
44.45	6x36	6x36	IWRC	Galvanized B	1960
9.5	6x36	6x36	Fibre	Polish	1960
28.58	6x36	6x36	Fibre	Polish	1960
16.0	18x7	18x7	IWRC	Galvanized B	1960
22.0	35x7	35x7	IWRC	Galvanized B	1960

Date: SEPTEMBER 15<sup>TH</sup> 2010

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