



IRIZAR HEAVY INDUSTRIES INC

1512 Adamson View, Edmonton, Alberta T6W 0V4, Canada

Phone: 1 780 450 6695, Fax: 1 780 485 6677

Email: jirizar@jirizar.com, Website: www.jirizar.com



WELDING ROTATORS MODEL WR 1200 TEST CERTIFICATE

Buyer Name:	WESTINGHOUSE ELECTRIC COMPANY LLC NUCLEAR POWER PLANTS AP1000 STEAM GENERATOR DRAWING APP-VH01-V8-004, REV 0
IRIZAR Invoice #:	1789 – 162
Product Name #:	Conventional Welding Rotator Model WR 1200
Serial #:	356348
Fabrication date:	Oct 15, 2009
Power rotator Model WR 1200	Max design rotation capacity, 1200 MT Max design load capacity, 600 MT
Idler Rotator Model IR 1200	Max design load capacity, 600 MT
Vessel diameter range:	From 1,500 to 12,000 mm
Variable speed range:	From 100 up to 1,000 mm/min
Reducer rate	5600
Output moment of torsion	92000 NM @ 2 Nos
Motor	2 Nos @ 11 kW, 1700 RPM
Input Power:	380 V, 50 HZ, 3 P

IRIZAR HEAVY INDUSTRIES INC certifies the conventional welding rotator Model WR 1200 has been designed and built according with the following international standards:

Mechanical Design: By means of sophisticated software developed by Irizar engineers

Electric Design: CSA (Canadian Standard Association) **Standard C22.2 No 0,0.4,14 SEP 1000-99,**
Provincial guideline, Part A. Certification # 4749840

Safety Design: CE Standards: Machine directive 2006/42/EC, Low-Voltage directive 2006/95/EC, EMC Directive 2004/108/EC, and amongst others the following standards: NEN-EN 14121 EN-ISO 12100-1 NEN-ISO 12100-2, NEN-EN 61000 EN 60204 NEN-EN 55022 NEN-EN 55024, NEN-EN 12100 NEN-EN-IEC 61310-3. **CE DECLARATION OF CONFORMITY: Nr 181108/JIR/05,** by Consultants Europe BV in The Netherlands

Manufacturing Certificate: IRIZAR HEAVY INDUSTRIES INC certifies the WR 1200 has been static and dynamic tested at **full capacity** by **C –FER Incorporated** on its testing laboratory located in Edmonton Alberta Canada.

Limited Warranty Certificate: IRIZAR HEAVY INDUSTRIES INC warrants all new equipment to be free from defects in material and workmanship for the period of one year, provided that the equipment is installed and operated according to instructions. Any repairs or modification made by unauthorized third parties without written consent shall void this warranty. IRIZAR HEAVY INDUSTRIES INC's obligation under this warranty is expressly limited to replacing or repairing any defective part or correcting any manufacturing defect without charge during the warranty period, if IRIZAR's factory inspection confirms the existence of such defects. Exercise of IRIZAR's option of replacement or repair will be at IRIZAR's factory and/or warehouse; therefore, no reimbursement for transportation cost of any kind will be allowed. IRIZAR HEAVY INDUSTRIES INC will not be liable for any loss or consequential damage or expense accruing directly or indirectly from the use of equipment covered by this limited warranty.



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CSA CERTIFICATE OF ACCORDANCE

As manufacturer we hereby certify that listed products are in accordance CSA
(CANADIAN STANDARDS ASSOCIATION)
and complies with the safety regulations

and among others with

**STANDARD C22.2 No 0,0,4,14 SEP 1000-99
PROVINCIAL GUIDELINE, PART A**

PROJECT REFERENCE:

Buyer Name:	WESTINGHOUSE ELECTRIC COMPANY
Buyer PO # / Contract #:	
Our Invoice #:	1771-WET, REV 2
Bill of Lading #:	

PRODUCT NAME	MODEL	SERIAL NUMBER
CONVENTIONAL WELDING ROTATOR FABRICATION DATE: OCT 15, 2009	WR 1200	356348

Edmonton AB

Date:

Jose Irizar

CSA CERTIFICATION #: 4749840

Bev Engen, PGA Field Services/Special Inspections
1707 - 94 Street, Edmonton, AB, T6N 1E6
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EC DECLARATION OF CONFORMITY

Nr: 181108/JIR/05

PRODUCT DESCRIPTION

Product name : Welding Rotator

MANUFACTURER

Company : J. Irizar & Company Ltd.
Address : 3123 - AVE, Edmonton Alberta
Zipcode and place : T6T 1C7
State : Canada
Representative : Mr. Jose Irizar
Position : Executive Officer

INVESTIGATED BY

Company : Consultants Europe BV
Address : Nieuwstraat 60
Zipcode and place : 1381 BD Weesp
Country : The Netherlands

HARMONISATION

This product complies with the Safety regulations of the

Machine Directive 2006/42/EC
Low-Voltage Directive 2006/95/EC
EMC Directive 2004/108/EC

Consultants Europe b.v.
CERTIFIED CONFORM
ISO 9001 : 2000 SYSTEM



and amongst others the following harmonized standards

NEN-EN 14121 EN-ISO 12100-1 NEN-ISO 12100-2
NEN-EN 61000 EN 60204 NEN-EN 55022 NEN-EN 55024
NEN-EN 12100 NEN-EN-IEC 61310-3

Place:

Date:

Signature Manufacturer:

This Declaration of Conformity refers only to the investigated units. Consultants Europe cannot take the responsibility for units produced which are not in compliance with the investigated units