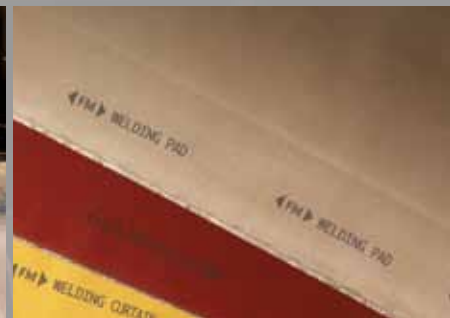




**AMi** Auburn  
Manufacturing, Inc.  
INNOVATION ON FIRE™

# When Safety is Critical

Nuclear Power Facilities Depend on AMI  
For Approved Hot Work Fabrics



Third-Party Certified in Compliance with  
10 CFR 851 and NFPA 51B, 2014 Edition

All US Made in Compliance with Buy  
American Requirements

Rated and Tested by FM Approvals

Printed with FM Rating to meet  
DOE Requirements

# 10 CFR 851 Requires Use of Approved Hot Work Fabrics for Fire Protection at U.S. Nuclear Facilities

Hot work like welding, cutting, and grinding, is a big part of retrofitting older facilities and building new ones. To reduce the risk of fire during such operations, Federal Regulation 10 CFR 851 requires contractors and subcontractors performing hot work in nuclear facilities to adhere to the highest safety standards, with significant penalties for non-compliance.

## AMI Meets and Beats the Requirements for Hot Work Safety Fabrics

Auburn Manufacturing produces more hot work fabrics Approved to ANSI/FM 4950 than any other company in the world. And it goes the extra mile by printing the Rating (Curtain, Blanket, Pad) throughout the roll of fabric to be sure the right product is being used for the right job.



## Recommended List of Hot Work Fabrics for Nuclear Industry




**Best Use:** Vertical, Light/Moderate Exposure to Sparks



**Best Use:** Horizontal, Light/Moderate Exposure to Sparks/Molten Metal



**Best Use:** Horizontal, Severe Exposure to Molten Metal

RATINGS		PRODUCT	DESCRIPTION	NOMINAL WEIGHT		THICKNESS	
				(Oz/Yd <sup>2</sup> )	(G/M <sup>2</sup> )	IN	MM
Pad		AS3600	AMI-SIL®	36	1220	.054	1.37
Blanket		SAS2400-1	AMI-SIL®	29	980	.047	1.19
Blanket		SGLP3100	AMI-TUF®	31	1051	.037	0.93
Curtain		AS1800G	AMI-SIL®	18	600	.026	0.66
Curtain		GL2025-9383	AMI-GLAS®	18	600	.036	0.91
Curtain		SGL1400	AMI-TUF®	14	475	.013	0.33
Curtain		AS2400	AMI-SIL®	24	800	.040	1.02
Curtain		SGL1700	AMI-TUF®	17	575	.016	0.41

Please visit [www.auburnmfg.com](http://www.auburnmfg.com) for a detailed description of these hot work fabrics as well as a list of other Approved fabrics.

## AMI Fabrics Meet Highest Industry Standards

### Military & Government

- MIL-C-24576A — Cloth, Silica Glass for welding and cutting operations
- MIL-C-20079H — Glass Cloth for thermal insulation components
- MIL DTL-24244D (SH)— Insulation Material with Special Corrosion, Chloride and Fluoride Requirements
- USCG164.009 — Test for Incombustibility
- NRC 1.36 — Nuclear Regulatory Commission Standard. AMI Offers materials that meet the requirements of NRC 1.36 and are tested and approved for hot work operations on U.S. Navy nuclear components.
- US DOE Safety Rule 10 CFR 851 — Worker Safety and Health Program (for DOE and National Nuclear Security Administration)

## Auburn Manufacturing, Inc.

Since its founding in 1979, Auburn Manufacturing, Inc., a U.S. manufacturer, has become a leading developer, manufacturer, and marketer of textile products for hundreds of extreme temperature industrial applications throughout the world, including welding protection, industrial insulation, safety apparel, gaskets and seals, and other MROP applications. AMI is certified to ISO 9001:2008

