Carestream

November 2013

CERTIFICATION OF INDUSTREX FILM SYSTEMS ACCORDING TO RCC-M code

INDUSTREX™ Film Types Covered:
M100, MX125, T200 and AA400

The RCC-M code defines the design and construction rules for the mechanical components of nuclear power plants. The RCC-M code classifies film systems into 6 classes in accordance with the EN ISO 11699-1:2011 standard. The EN ISO 11699-1:2011 standard has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" and approved by Technical Committee CEN/TC 138 "Non-destructive testing".
EN ISO 11699-1:2011 supersedes EN 584-1:2006.

Processing Conditions:

	Developer	Developer Immersion Time	Temperature
Automatic	INDUSTREX SP Dev	100 Seconds (8' Cycle)	26°C (79°F)

Film System Classification:

Film Type	Process Cycle	CEN Speed	Dose mGY	Gradient D = 2	Gradient D = 4	Sigma D at D = 2	Ratio $G/sigma_D$	EN ISO 11699-1 Class
M100	Auto	100	10,7	4,7	8,8	0,018	261	2
MX125	Auto	125	7,4	4,5	8,0	0,021	214	3
T200	Auto	250	4,4	4,3	7,1	0,025	172	4
AA400	Auto	400	2,8	4,3	7,3	0,032	134	5

These classifications will be valid if above processing cycle is implemented and in control.

Exposure:

All exposures have been made in accordance with EN ISO 11699-1:2011 and EN 584-1:2006.

Sincerely,

Joseph M. Murphy

Joseph M. Murphy, Product Manager