



CERTIFICATE

The Certification Body of
TÜV SÜD Industrie Service GmbH
Energy and Systems

certifies, that the following products:

Pipes, manufactured on basis of the following Mannesmann Line Pipe
factory standard:
T 11.00.001_HS_Q, REV 3 „HFI-geschweißte Rohre für den Transport von
gasförmigem Druckwasserstoff“

Material	Condition	Operation Temperature	Max. Operation Pressure
L245N	HFI-Welded	-40 to 170°C	Up to 21 MPa (g)
L290NE/X42NE			
L360NE/X52NE			
L360ME/X52ME			
L415ME/X60ME			
L450ME/X65ME			
L485ME/X70ME			
J55			

of the company

Mannesmann Line Pipe GmbH
In der Steinwiese 31
57074 Siegen



MANNESMANN
LINE PIPE

Ein Unternehmen der Salzgitter Gruppe

complies with the material requirements defined in the TÜV SÜD Standard

P003 “Material Compatibility for Pressurized Hydrogen” REV01.

This Certificate is only valid together with the corresponding audit report
IS-ESZ4-20543815, dated 17.06.2024.

This certificate is valid till 16.06.2027.

Certificate – Register-No.: KC/500604689/35/24

Replaces Certificate – Register No.: KC/500603843/06/22

Munich, 25.06.2024

R. Mayer

Raphael Mayer
Technical Certifier
Certification Body Energy and Systems



Katrin Hausmann
Katrin Hausmann
Certification Body
Energy and Systems

