

# CERTIFICATE



**TÜVRheinland®**  
Precisely Right.

**Certificate Number: AF-2009-0903\_01 extended (4)**

**TÜV Rheinland hereby certifies**

<b>Manufacturer's name and address:</b>	DK-LOK Corporation 7, Golden Root-Ro 129 Beon-Gil Juchon-Myeon Gimhae SiCity Gyeongsangnam-Do (Korea)
<b>Trade name or mark:</b>	Dk-Lok
<b>Type:</b>	tube fittings
<b>Component:</b>	as per attachment to this certificate
<b>Service Pressure:</b>	Class 0 as per applicable regulation, reference is made to manufacturer's recommendations

**fully complies with the requirements of the:**

- ECE Regulation 110
- ECE Regulation 67-01
- Draft ECE Compressed Gaseous Hydrogen Regulation, Revision 12b, 10/12/03
- ISO 15500-19
- ISO 15916
- ANSI/AGA NGV3.1-1995, CGA NGV 12.3-M95
- ANSI/AGA NGV4.1-1999, CSA 12.5-M99
- State of the art

**Date of certification:** 09/03/2009

**Expiry Date:** 06/25/2019

Sulzbach, 2017-06-26

Dr.-Ing. Stefan Behring,  
Inspector, legally licensed technical expert



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**Attachment 1/2 to**

**Certificate Number: AF-2009-0903\_01**

Material: Stainless Steel 316 (1.4401)

Proven secure assemblies / disassemblies: 20 times

Dimensions of the tubes to be used  
as approved by the manufacturer:

Tubes [inch]	Tubes [mm]
1/16 x ...	3 x ...
1/8 x ...	6 x ...
3/16 x ...	8 x ...
1/4 x ...	10 x ...
5/16 x ...	12 x ...
3/8 x ...	14 x ...
1/2 x ...	15 x ...
5/8 x ...	16 x ...
3/4 x ...	18 x ...
7/8 x ...	20 x ...
1 x ...	22 x ...
1 1/4 x ...	25 x ...
1 1/2 x ...	28 x ...
2 x ...	30 x ...
	32 x ...
	38 x ...

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Attachment 2/2 to

Certificate Number: AF-2009-0903\_01 (Cont.)

Dk-Lok Fittings:

Tube to Tube Union	Tube to Female Pipe	Male Pipe	Tube Stub Connector
DU	DCF-N	DMC-N	DR
DL	DCF-R	DMC-R	DAB
DT	DCF-GG	DMC-G	DAM-N
DX	DCBF-N	DMC-GB	DAM-R
DUB	DLF-N	DMCB-N	DAM-G
DBL	DTRF-N	DLBM	DAM-U
DUR	DTBF-N	DLM-N	DAM-UO
DLR		DLM-R	DAF-N
DXR		DTRM-N	DAF-R
DTR		DTRM-R	DAF-GR
		DTBM-N	DAF-GG
		DTBM-R	DLA
			DTRA
<b>Plug, Cap</b>			DTBA
DP			DCP
DC			DCRP
Tube to Positionable Straight Thread	Tube to Non-Positionable O-seal End	Tube to an Tube	Tube to Weld End
DLS-UP	DMC-UO	DUA	DCW
DLBS-UP	DMC-NO	DUBA	DLW
DTRS-UP	DMCS-U	DMAA	DCSW
DTBS-UP		DAA	DLSW
DLM-GP			DBUW

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