Knife Gate Valve Installation Inspection

Dry Start-Up / Pipe is Empty

Start up - Commissioning	☐
Installation/Inspection	☐
Pipe is Dry	☐
Pipe is Clean	☐

Project Name _____

Customer: _____ **Site Name:** _____

Contractor: _____ **Location:** _____

Consultant: _____ **SO#** _____ **Travel time:** _____ **Hrs** **Travel:** _____ **Km**

Project: _____ **PO#** _____ **Service:** _____ **Hrs** **Date:** _____

Weather: _____ **Inspection & Installation Duration:** _____ **Days**

Safety Training: **Yes** ☐ **No** ☐ **Type:** _____ **Training Duration:** _____ **Days** **Hrs**

System Pressure: _____ **Site Contact** _____

Email _____

VALVE SIZE	DRAWING NUMBER	DESCRIPTION	TAG NO.

ACTUATOR MODEL	DESCRIPTION	TAG NO.

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22-0001-V4-DRY

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Elite Valve

Dry Start-Up

		YES	NO	NOT REQUIRED	REJECTED	ACCEPTED	N/A
1	Valve Cycled Dry	☐	☐	☐	☐	☐	☐
2	Valve Cycled NO Load	☐	☐	☐	☐	☐	☐
3	Valve Factory Test Certificates are attached	☐	☐	☐	☐	☐	☐
4	Valve Pressure Rating and SO ID Labels Installed	☐	☐	☐	☐	☐	☐
5	Valve Tagging Installed	☐	☐	☐	☐	☐	☐
6	Valve Coating - Internal	☐	☐	☐	☐	☐	☐
7	Valve Coating - External	☐	☐	☐	☐	☐	☐
8	Valve Seat Inspection prior to Pipe Installation	☐	☐	☐	☐	☐	☐
9	Valve Seat Inspection in the Pipe	☐	☐	☐	☐	☐	☐
10	Hoist Rings Installed	☐	☐	☐	☐	☐	☐
11	Valve Installation in Pipe per the GA Drawings	☐	☐	☐	☐	☐	☐
12	Valve Gate Surface Horizontal Shaft in Horizontal / Vertical Pipe	☐	☐	☐	☐	☐	☐
13	Valve Packing Sealing - Site tightened	☐	☐	☐	☐	☐	☐
14	Valve Flange Hardware is Installed and Complete	☐	☐	☐	☐	☐	☐
15	Valve Flange Torque Records attached from Contractor	☐	☐	☐	☐	☐	☐
16	Valve arrow flow direction is correct	☐	☐	☐	☐	☐	☐
17	Valve Seat Leakage Verified	☐	☐	☐	☐	☐	☐
18	Valve Seat Leakage Verification cannot be Performed	☐	☐	☐	☐	☐	☐
19	Actuator Speed Controls Set - OPEN	☐	☐	☐	☐	☐	☐
20	Actuator Speed Controls Set - CLOSED	☐	☐	☐	☐	☐	☐
21	Actuator Factory Testing Certificates are attached	☐	☐	☐	☐	☐	☐
22	Actuator Factory Calibration Completed	☐	☐	☐	☐	☐	☐
23	Actuator Site Calibration Completed	☐	☐	☐	☐	☐	☐
24	Actuator Rating and ID Tag Installed	☐	☐	☐	☐	☐	☐
25	Actuator is Clockwise to Close	☐	☐	☐	☐	☐	☐
26	Gear Actuator Manual Over-ride Tested	☐	☐	☐	☐	☐	☐
27	Actuator Condition	☐	☐	☐	☐	☐	☐

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		YES	NO	NOT REQUIRED	REJECTED	ACCEPTED	N/A
28	Actuator Coating	☐	☐	☐	☐	☐	☐
29	Actuator Orientation	☐	☐	☐	☐	☐	☐
30	Rotation of the Actuator CWC Handwheel	☐	☐	☐	☐	☐	☐
31	Actuator CLOSED Limit is set	☐	☐	☐	☐	☐	☐
32	Actuator OPEN Limit is set	☐	☐	☐	☐	☐	☐
33	Actuator Mechanical Visual Indicator Set	☐	☐	☐	☐	☐	☐
34	Actuator Torques are Set Pipe Dry - OPEN	☐	☐	☐	☐	☐	☐
35	Actuator Torques are Set Pipe Dry - CLOSED	☐	☐	☐	☐	☐	☐
36	Actuator Driven by PLC	☐	☐	☐	☐	☐	☐
37	Actuator Mechanical Stops Set - CLOSED	☐	☐	☐	☐	☐	☐
38	Actuator Local Remote Tested	☐	☐	☐	☐	☐	☐
39	Actuator Locking Pins Installed	☐	☐	☐	☐	☐	☐
40	Visual Condition all Components of Assembly	☐	☐	☐	☐	☐	☐
41	Valve & Actuator Function Test	☐	☐	☐	☐	☐	☐
42	Number of Cycles Valve & Actuator Function Test # ( )	☐	☐	☐	☐	☐	☐
43	Electronic Photo's Taken	☐	☐	☐	☐	☐	☐
44	Overall Valve Condition	☐	☐	☐	☐	☐	☐

Notes

1) Valve leakage must be verified by the client as the valve disc position or leakage is not visible at this time.
2) This will confirm Installation and the Operation of the above noted valves and actuators is to the satisfaction of the customer and contractor. This also confirms that all valves and actuators perform in accordance with design and specifications requirements.
3) Note: Wet commissioning is recommended for actuator settings to be accurate.

Supplier / Manufacture
(print name)

Signature
Authorized Manufacture Representative

Date

Customer / Contractor / Consultant
(print name)

Signature
Authorized Contractor Representative

Date
ACCEPTED (INITIAL) _____

This form shall only be signed by individuals authorized by their corporators to sign for or on the behalf of the corporation they represent. Failure to sign this form negates all commissioning.

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Noted Deficiencies

Requirements to Correct Deficiencies:

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General Notes

DRY

SUBMIT FORM

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