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**DATA SHEET FOR
DRY HYDRANTS
with Monitor Connection**

00	08 th Dec 2015	Issued for Approve			
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

1 GENERAL DATA:

Description	Value
Manufacturer's Name:	*
Manufacturer's Model NO.:	*
Hydrant Type:	Dry Barrel
Service:	Fire Fighting
Valve Type:	Compression type
Quantity:	*
Location:	Outdoor
Fire Ring Main:	Underground
Available Code and Standard:	AWWA C502/ IRIS
Testing:	Visual, Hydrostatic and Performance.

2 PROCESS AND OPERATING DATA:

Description	Unit	Value
FEED WATER TYPE		DESALINATED WATER
Absolute Ambient Temperature: Max./Min.	° C	42 / -8
Relative Humidity: Max./Min.	%	80 / 13
Normal Working Pressure: Max./Min.	Barg	10 / 7
Design Pressure	Barg	14
Test Pressure	Barg	21
DESIGN TEMPERATURE	° C	85

3 TECHNICAL DATA:

Description	Unit	Value
HYDRANT NOMINAL DIAMETER	Inch	6
THICKNESS:	mm	12
ANTI FREEZE AUTOMATIC DRAIN		Yes
BASE SHOE		Yes
NOMINAL FLOW RATE	LPM	5000
Body Material		Ductile Cast Iron (GGG 40/50)
Seal Material		NBR

Valve Seat Material		Brass / Bronze
Drainage		Self-Drainage
Drain Type		Auto
Connection to Fire Main Ring		
End Connection Size (Shoe Inlet Size)	Inch	6"
End Connection Type		Flange 6" –DN150, RF
Connection Code		ASTM B16.5
Depth of trench or bury	mm	1300
Mounting to the main		Side
Hose Connection		
Hose Connections	Inch	2 x 2 ½
Connection type /Code		Male/ ANSI- B1.20.1
Connection Material		Brass/Bronze
Landing Valve		Yes
Landing Valve Type		Pressure Reducer Valve with BS Connected
Pumper Connection		
Pumper Connection	Inch	1 x 4
Connection type/Code		BS-336
Connection Material		Brass/Bronze
Valve on Outlet Connection		No
Monitor Mounting		
Quantity		1
Monitor Mounting Flange Size (Elbow)	Inch	4
Monitor Mounting Flange Rating		150#, FF
Monitor Mounting Flange Standard		ANSI B16.5
Including		Elbow

4 Painting

Description	Value
Upper Barrel Min. Painting Spec. Outer Surface	Primer: Zinc rich epoxy primer 1x50µm Mid coat: HB epoxy polyamide 1x50µm Top coat: polyurethane(RAL3020) 1x50µm
Lower Barrel Min. Painting Spec. Outer Surface	Primer: Zinc rich epoxy primer 1x50µm Top coat: Coaltar Epoxy (Bituminous) 1x150µm Min total thickness: 200µm
Hydrant Inner Surface Painting Spec.	Primer: Zinc rich epoxy primer 1x50µm Top coat: Coaltar Epoxy (Bituminous) 1x100µm

5 Overall Dimension

Description	Unit	Value
Total Height	mm	*
Total Weight	Kg	*

6 Accessories

Description	Value
Hand Wheel	Yes
Galvanized Chain	Yes
Bolts and nuts	Yes

7 Required Tests

Tests	Inspection
Hydrostatic Test	Yes
Dimension Test	Yes
Performance Test	Yes

NOTES:

- FOR INFORMATION MARKED BY "*" SHALL BE FILLED BY VENDOR
- ANY DEVIATION FROM THIS DATA SHEET MUST BE MADE OUT STANDING AND BROUGHT TO THE ATTENTION OF THE COMPANY FOR HIS APPROVAL
- THE CERTIFICATION FOR HDROSTATIC TEST OF ASSEMBLED UNIT SHALL BE SUBMITTED BY MANUFACTURER.