KOMMUNIKÁCIÓ AZONOSÍTÁSSAL HITELESÍTETT
A DOKUMENTUMOT DIGITÁLIS ALÁÍRÁSSAL LÁTTA EL:
AVDH SIGN

TAP WATER
Q=xxm³/h
P=3bar

RESIN+UREA TRUCK
AMMONIA TRUCK
FAST CONNECTION WITH AUTOMATIC CHECK VALVE
AMMONIA HYDRAULIC LOCKED
AMMONIA V=30m³
CHILLER T-1 AO31-SYS -20
SOLVENT LINE

RESIN+UREA TK-200/A V=30m³
RESIN+UREA TK-200/B V=30m³
RESIN+UREA TK-200/C V=30m³
RESIN FAST CONNECTION IF TRUCK WITHOUT PUMP

M-500A/B AMMONIA GEAR PUMPS
Q=0-40l/h
H=30m
P=2,2kW

M-210A/B RESIN+UREA GEAR PUMPS
Q=10-650l/h
H=30m
P=4kW

M-200A/B/C RESIN+UREA RECIRCULATION PUMPS
Q=3m3/h
H=12m
P=0,75kW

SILANE AMMONIA SULPHATE V=1m³
P=2,2kW
TK-950
SILANE AMMONIA SULPHATE CENTRIFUGAL PUMP TRANSFER
Q=1000l/h
H=10m
P=2,2kW

AMMONIA SULPHATE V=200lt TK-300
M-300A/B AMMONIA SULPHATE GEAR PUMPS
Q=0-60l/h
H=30m
P=0,37kW

OIL V=200lt TK-400
M-400A/B MINERAL OIL GEAR PUMPS
Q=0-35l/h
H=30m
P=0,37kW

SILICONE V=200lt TK-500
SILICONE GEAR PUMPS M-500A/B
Q=0-20l/h
H=30m
P=0,37kW

WATER FROM FILTERING PLANT
FILTERD WATER V=200lt TK-600
FILTERED WATER GEAR PUMP M-600
Q=100-2500l/h
H=30m
P=0,37kW

TK-104 DEMI WATER V=20m³
MINERAL OIL ISC TANK V=1m³
MINERAL OIL CENTRIFUGAL PUMP M-600
Q=4m3/h
H=30m
P=2,2kW
DEMI WATER GEAR PUMP M-800
Q=50-600l/h
H=30m
P=2,2kW

TAP WATER
Q=xxm³/h
P=3bar
2"-P-001-A02

FIBERIZING MACHINE GEAR PUMPS
Q=100-800l/h
H=30m
P=4kW
FIBER. MACHINE "3"
FIBER. MACHINE "2"
FIBER. MACHINE "1"
FIBER. MACHINE

TK-900 DOSING BINDER V=200lt [500÷2000Kg/h]
BINDER CENTRIFUGAL PUMP Q=6m³/h H=30m P=2,2kW

TK-910 PIPELANE V=100lt [100÷250Kg/h]
M-910 DOSING BINDER GEAR PUMP Q=50-400l/h H=30m P=0,37kW
PIPELANE MACHINE "1"

FF0-L1
FF0-L2

PRELIMINARY

FLOW SPEED REFERENCES				LEGEND	
Circuit MIN.	min.	PUMP INLET	min.	0,7m/s MIN.	SELLER SUPPLY
1,5m/s MIN.	min.	PUMP OUTLET	max.	3m/s MAX.	BUYER SUPPLY
2m/s MIN.				4m/s MAX.	

WASHING TAP WATER Q=3m³/h 3bar — VALVES MANIFOLD UNIT IDENTIFICATION: KO-AA1 - GO2 - A01
COOLING TAP WATER OUTLET — PIPING MATERIAL CLASS SPEC.
COOLING TAP WATER INLET — LINE NUMBERING AND CONTINUITY
COOLING — NOMINAL PIPE SIZE
REMARKS: TAP WATER WASHING RATE FOR CLEANING NOT INCLUDED CONSUMPTION CHART ON DWG. XXXX-K-030-00-PI-XXX

SYMBOLS

SIMB.	DESCRIPTION
	REGULATION VALVE (GLOBE TYPE)
	CHECK VALVE
	BALL VALVE
	FLOW CONTROLLER VALVE
	ON-OFF VALVE
	FLOW CONTROLLER VALVE
	QUICK CONNECTING JOINT END
	HOSE
	BASKET STRAINER
M	A.C. MOTOR
	PUMP
	SCREW PUMP
	POSITIVE DISPLACEMENT PUMP
	VERTICAL PUMP
	PRESSURE DIFFERENTIAL INDICATOR
	PRESSURE INDICATOR
	LEVEL SWTCH HIGH
	LEVEL SWTCH LOW
	LEVEL TRANSMITTER
	RADIATION ELEMENT
	TEMPERATURE ELEMENT
	TEMPERATURE TRANSMITTER
	WEIGHT (FORCE) CONTROLLER
	WEIGHT (FORCE) TRANSMITTER
	WEIGHT (FORCE) CONTROLLER
	WEIGHT (FORCE) TRANSMITTER
	FLOW TRANSMITTER
	AIR VENT
	DRAIN

REV.	DESCRIZIONE – Description	DRAW. – Dis.	CONTR.– Ch'd	APPR.– Appr.d	DATA – Date	ISSUED FOR Emesso per
0	FIRST ISSUE	ZER	MLG	MLG	14/10/20	PRELIMINARY

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SIGNED DOCUMENT

HUNGARY

42 TON/DAY GLASS WOOL PRRODUCTION LINE

BINDER PLANT

PROCESS FLOW DIAGRAM

PROJ. METHODE

SCALA Scale 1:1

FORM Size A0

N° 3049-5-GG0-00-PD-900

REV. 00

FG. 1

DI 1

color width 1:COLOR-1 2: COLOR-2 3: COLOR-3 4:COLOR-4 5: COLOR-5 6: COLOR-6 7: COLOR-7 255: COLOR-255 Formato A0