FERTIKIT 3G

HYDRAULIC CONDITIONS CHECKLIST

Serial number	
Project name	
Technician name	
Installation date	
Notes	

Consult the main line flow meter and pressure gauge, the upper manifold and lower manifold pressure gauges and make sure all the hydraulic conditions are in range according to the following table (see Installation Manual, page 29):

Mode	Main line	Upper manifold	Lower manifold		
PD	Pressure upstream from the PRV \leq +8 bar (+116 PSI) and \geq X2 the pressure downstream from the PRV (make sure there is suficient pressure for the field requirements)	The pressure in the upper manifold ≥ X2 the pressure in the lower manifold			
PL	+2.5 - +6.5 bar (+36 - +94 PSI)	= the pressure on the main line	-0.5 - +0.8 bar (-7 - +12 PSI)		
РВ	+1 - +2.5 bar (+14 - +36 PSI)	+4 - +6.5 bar (+58 - +94 PSI)	+1 - +2.5 bar (+14 - +36 PSI)		
MS	The main line pump is able to deliver the flow rate required for the operation of the FERTIKIT + the field consumption. Pressure upstream from the main line pump < +0.5 bar (+7 PSI). Pressure at the outlet of the main line pump < +7 bar (+101 PSI)	= the pressure at the outlet of main line pump	-0.3 - +0.3 bar (-4 - +4 PSI)		

	Main line pressure bar / PSI Main line flow		Main line flow m3/hr / GPM Upper manifold pressure bar / PSI	ssure	Q_suction I/hr / GPM									
Testing date		Main line flow m3/hr / GPM		Lower manifold pressure bar / PSI	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Source water EC	Source water pH	Dripline water EC	Dripline water pH
	Reference data													
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