

ORDER DESCRIPTION

1. Object of the contract

The subject of the order is the supply of

Part I of the order - the subject of the order is the high temperature cleaning of graphitic parts of the MOCVD reactor Aixtron AIX2800G4.

No	Product name	Qty
1	Cover segment part no: 100215823	1
2	Graphite disc 5,1" part no: 100064661	1
3	4" Planet AIX1 part no: 100239770	1
4	Ceiling, PyroC part no: 100204369	1
5	Collector top part no: 100244268	1
6	Collector center part no: 100244273	1
7	Collector bottom part no: 100244247	1

Part II of the order - the subject of the contract is the cleaning of components of the MOCVD reactor AIXTRON AIX2800 G4. The detailed scope of the subject of the contract includes the cleaning of the following components:

No	Product name	Qty
1	Pipeline assembly, consisting of five (5) sections	1
2	Valve	1
3	Main filter CT2000	1
4	P-trap	1

Part III of the order - the subject of the contract is a service consisting of the regeneration of the scrubber column cartridge, System S/N: CS18A439, Column C1 CS200SA, S/N.

Process Gas	Chemical Name	Required maximum concentration
DEZ (DEZn)	Diethylzinc	< 2 mg/m ³ (jako Zn)
TMA (TMAI)	Trimethylaluminum	< 2 mg/m ³ (jako Al)
TMG (TMGa)	Trimethylgallium	< 3 mg/m ³ (jako Ga ₂ O ₃)
TMI (TMIn)	Trimethylindium	< 0,1 mg/m ³ (jako In)
CBr ₄	Tetrabromomethane	< 1 ppm (jako HBr)
AsH ₃	Arsine	< 0,05 ppm
PH ₃	Phosphine	< 0,1 ppm



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SiH ₄	Silane	< 5 ppm
H ₂ / N ₂	Hydrogen / Nitrogen (carrier gases)	