

# Split of Supply

## QUINTUS® Hot Isostatic Press

**Quote/Project No.:** 61064  
**Revision:** 0  
**Release Date:** 2020-03-27  
**Purchaser:** Council for Scientific and Industrial Research  
**Equipment:** QIH 32

Key		S = Supplier P = Purchaser				
Item [#]	Item Description	Information	Supply	Site Erection	Site Commissioning	Remarks N/A = Not Applicable W/A = Where Applicable
Equipment Supply						
1	Press unit per scope of supply	S	S	P (S)	S/P (S)	Selection within parentheses is valid if installation is ordered from Supplier.
2	Argon gas storage	S	P (S)	P (S)	P (S)	W/A. According to scope of supply Selection within parentheses is valid if installation is ordered from Supplier.
3	Gas analysis equipment	S	P (S)	P (S)	P (S)	W/A. According to scope of supply Selection within parentheses is valid if installation is ordered from Supplier.
4	Oxygen sensor in the premises of press unit instalation site	S	P	P	P	
5	Silencer for gas exhaust	S	P	P	-	
6	Load basket	S	S	-	-	Prerequisite for operation of HIP According to scope of supply
7	Workload preparation station	S	S	P (S)	-	W/A. According to scope of supply Selection within parentheses is valid if installation is ordered from Supplier.
8	Payload fixture(s)	S	P	-	-	W/A
9	Workload thermocouples	S	P	-	-	W/A. According to scope of supply
Site Activities and Services						
10	Foundation drawing	S	-	-	-	
11	Building and building preparations. Supplier to provide dimensions, foundation requirements and utility requirements where applicable.	S/P	P	P	P	
12	Commissioning engineer for the installation and commissioning.	-	S	-	-	According to scope of supply
13	Interpreter where language other than English is required.	-	P	-	-	W/A
14	Installation and commissioning labor for mechanical, electrical and piping connection to the Equipment	-	P (S)	-	-	Selection within parentheses is valid if installation is ordered from Supplier. Proper workmanship is required. Assisted by Supplier's Technical advisor
15	Temporary alteration of building or other equipment and permits to enable entrance of items in scope of supply to location of installation	S	P	P	-	
16	Uncrating and inspection of goods	S	P (S)	-	-	Uncrating area according to "Facility" section of this document. Selection within parentheses is valid if installation is ordered from Supplier.
17	Leveling of press base including core drilling.	S	P	P	-	W/A
18	Rigging and lifting into place of Equipment, including heavy lifting, forklift etc.	S	P (S)	-	-	Purchaser to grant Supplier access throughout the installation to an overhead crane, if available. Selection within parentheses is valid if installation is ordered from Supplier.
19	General installation tools.	S	P (S)	-	-	Selection within parentheses is valid if installation is ordered from Supplier. If not, the Supplier will provide a list of sugested tools.
20	Piping and wiring from utilities (gas, electric power, cooling water, lubricants, hydraulic oil etc) to Supplier connection points	S	P	P	-	
21	Disposal of waste material	S	P	-	-	
22	Training of Purchaser's staff during commissioning. Number of participants to be defined prior to installation commencement.	-	S	-	-	
Utilities						
23	Electric Power in building for hand tools, etc.	S	P	-	-	Must be available at start of installation!
24	Utilities for press operation (gas, electric power, cooling water, lubricants, hydraulic oil, internet etc).	S	P	-	-	Must be available at start of installation!
25	Dummy payload for commissioning and acceptance, if required.	S	P	-	-	Must be available at commissioning start.
26	Internet access.	S	P	-	-	Required at the start of installation at office / desk area for Supplier Technician. Recommended baud rate 10 Mbit/s.
27	Drain for External cooler	S	P	-	-	W/A
28	Spray water	S	P	-	-	W/A
29	Cooling water	S	P	-	-	
30	Treated water	S	P	-	-	
31	Cooling water inhibitor	S	P	-	-	
32	Hydraulic oil	S	P	-	-	
33	Lubricants	S	P	-	-	
Facility						
32	Uncrating area	S	P	-	-	Adequate area for temporary storage and uncrating of goods
33	Temporary protection fencing during installation and commissioning	P	P	P	-	W/A
34	Personal Safety Equipment. E.g. oxygen sensors or other local requirements.	P	P	P	P	Supplier presonnel are equipped with their own personal oxegyn sensors.
35	Warning labels at press area	S	P	P	-	
36	First aid qualified personnel and first aid materials	-	P	-	-	Must be available at start of installation!
37	Fire extinguisher	-	P	-	-	Must be available at start of installation!
38	Purchaser's overhead crane, if available. In operation at start of installation and unlimited access for Supplier during installation.	S	P	P	P	W/A
39	Building lighting, heating and ventilation of building. Required at the start of installation.	S	P	P	P	
Contractual / Miscellaneous						
40	Site Insurance for Installation and commissioning	-	P	-	-	The Supplier provides insurance for their technicians on-site.
41	Test or approvals as well as special safety arrangements which may be required by local authorities.	P	P	-	-	
42	CE certificate of conformity for delivered equipment	S	-	-	-	For the Supplier's scope of supply
43	CE approval of entire site	S	P	-	-	

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Revision History		
Rev.	Description	Release Date
0	Issued	2020-03-27

**Clarification of:**

## Information

General guidelines and recommendations.

## Supply

Supply of the stated equipment, material or service.

## Site Erection

Installation of the stated equipment or material.