



PSHP F808 coordination Meeting Minutes n3

Project/Activity: Prévessin Sustainable Heating Plant (PSHP)

Date: 2024-05-31

Attendees: Jorge Buceta (Arceclima); Juan Gomez (Cern SCE/SAM-IN); Rodolph Mercanton (Cern SCE/SAM-IN); David García Bello (Arceclima); Rouge Guillaume (CERN SCE/SAM-IN)
Yannick Meistermann (Friootherm)

<https://indico.cern.ch/event/1403036/>

DISCUSSION

Chimney:

The anchor of the chimney is on place, now Arceclima should confirm the delivery and lifting protocol of the chimney. A visit on site will be organise with a lifting company to check the different option, beware the 23m chimney will be delivered in one piece.

CERN will send to Arceclima the drawing of the site works situation. 2 options for the delivery are on the table, CE will confirm the 10 of June, the best schedule option for the delivery of the chimney, between the 15 of September and the 30 of October.

Heat Pump:

Arceclima confirm the order of the heat pump to Friootherm will be done before the 7 of June.

Last TDS of the heatpump should be send to CERN for the 7 of June.

CERN confirm that the electrical connection of the heat pump shall be done by the air and not from the concrete floor.

Boilers:

Arceclima is studying the proposition from Bosch to have only 2 pumps, TDS should be read for the 7 of June.

Electrical and automation:

Arceclima will provide a schema of the electrical cubicle organisation for CERN approval.

Schedule:

Arceclima will send the studies and works schedule of the project before the 7 of June.

PID:

CERN provided a new PID with GMAO blocs.

3D Models:

Arceclima is studying the possibility to move the electrical cubicle and the hydraulic pump. CERN highlight the position of the technical trench for electrical high voltage connection and send to Arceclima the drawing of this trench.

CERN confirm that the way in the axe of the door shall stay free for the truck material delivery and the maintenance access with the crane.

Water treatment:

CERN will send an example of TDS for water treatment equipment.

Hydraulic:

CERN confirm that the pressure drop calculation should be done with 100Pa/ml limit but in the main collector the speed limit shall be 1m/s.

The flow in the tank will be the difference between the district heating and the minimum primary flow.



Next meeting June 24 on site.

ACTIONS

Planning should be done by Arceclima.	JB	June 7	
Confirmation of the order for the heat pump with TDS.	JB	June 7	
Arceclima send the TDS of the Bosch gas boiler.	JB	June 7	
Organization of a meeting on site for the lifting operation of the chimney.	GR	May 23	done
Sending the works building situation drawing	RM	May 31	
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