

Effluent Decontamination System (EDS) Scope Questionnaire

Batch / continuous operation

Completing this form will allow us to recommend the appropriate EDS equipment type and specification. The form can be filled in directly in your PDF viewer.

WASTE CHARACTERISTICS

What type of waste is being treated? What BSL level is applicable?

What volume of liquid requires processing per day and how will this be delivered to the EDS plant?

Does the liquid contain any solids or chemicals? (this determines the EDS plant type)

State presence of chloride in the effluent:

☐ None

☐ Yes concentration:

Give the size and description of the largest solids expected in the liquid.

Estimated % of solids and other solids characteristics.

FLOW AND OPERATION

Can the plant run 24 hours a day?

☐ Yes ☐ No

Flow type:

☐ Constant flow rate ☐ Variable flow ☐ Waste load profile included

State the maximum flow rate (litres/min):

Is storage required for high flow periods (of the day)?

TREATMENT PARAMETERS

List known microbiological agent(s):

Treatment time (minutes / seconds):

What temperature will the system operate at? E.g. 121 °C, 134 °C, 140 °C?

State maximum outlet discharge temperature:

COOLING

What cooling is available? Cold water / flow return?

Cooling requirements (if applicable):

Source:

☐ Potable water ☐ Chilled water

Characteristics of cooling source:

Temperature: Pressure:

☐ I would like more help in choosing a cooling system

UTILITIES AND INSTALLATION

Is steam available or is a steam generator required? If electrical, please state power available.

Are there any special requirements for the tanks and pipework, e.g. 304/316 steel or another material?

How will the system be sited? (underground for gravity feed, or at ground level with tank feed)

Are there any site drawings available?

☐ Included

Are there any access issues?

Who will perform the installation? (Astell / customer)

Record any other important data or considerations here:

YOUR CONTACT DETAILS

Please return the completed form to our sales team together with your contact details and any other relevant information:
office-cz@donaulab.com · +420 261 305 321

Name:

E-mail:

Telephone:

Company: