



GRUPPO CHIMECO
Servizi Tecnici per l'Industria

Heavy Hydrocarbon Dilution + Displacement Degassing + Cleaning Procedure by

ekodeko
Decontaminazione impianti industriali

2000GREEN and 1001-OX



GRUPPO CHIMECO

Servizi Tecnici per l'Industria

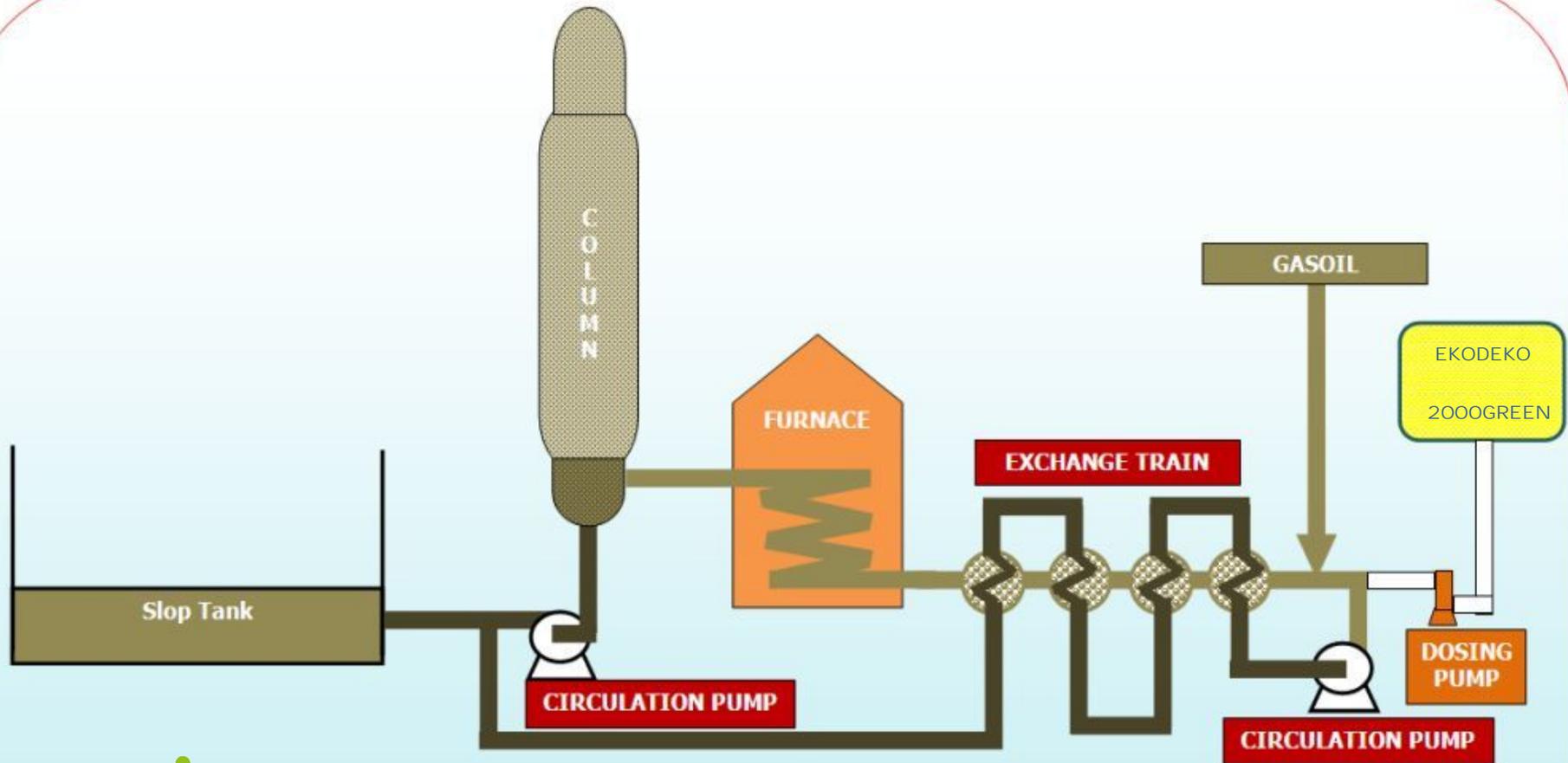
Dilution and Displacement Heavy Hydrocarbons using Gasoil with

ekoeko

Decontaminazione impianti industriali

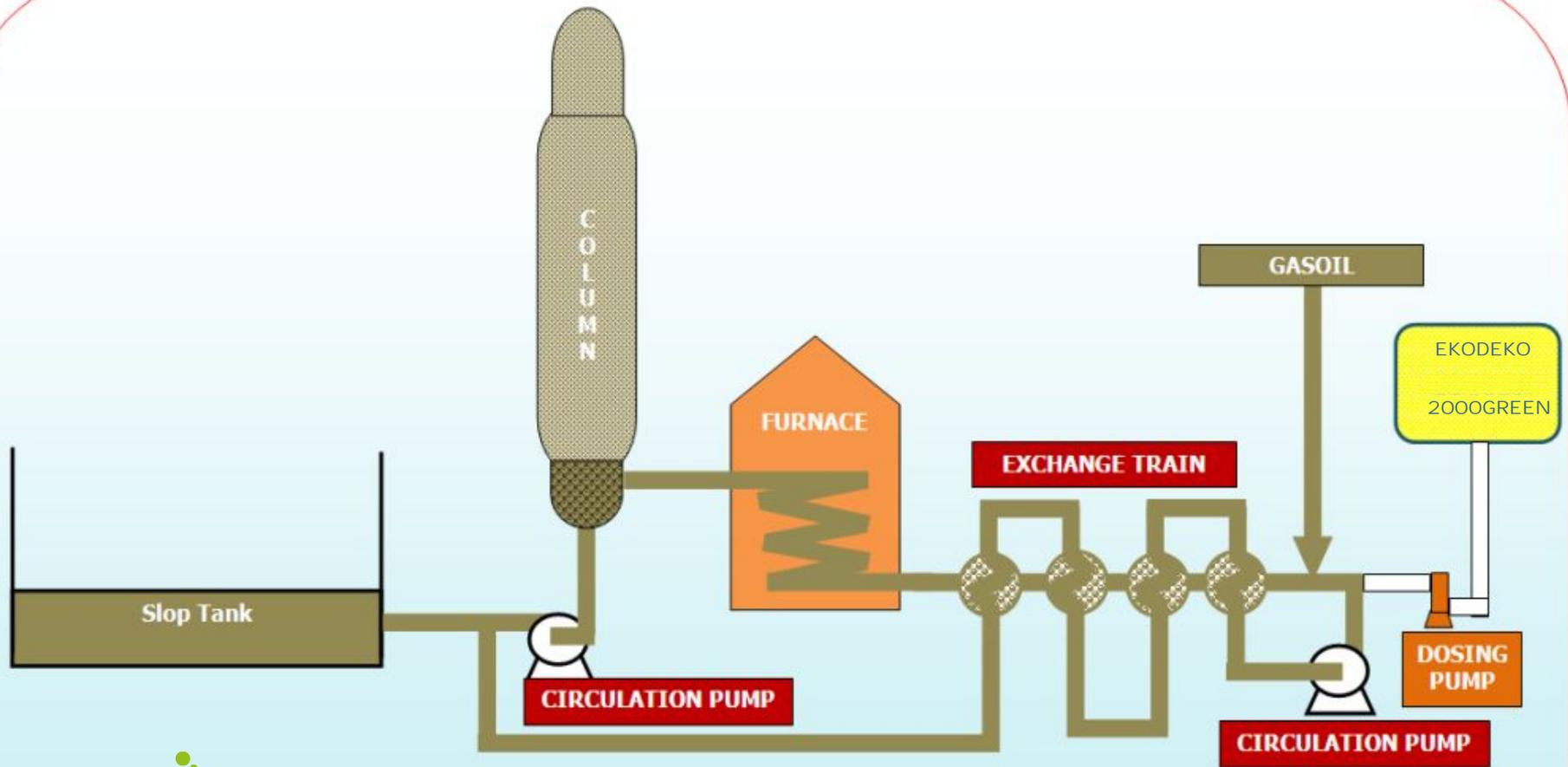
2000GREEN

FLOW DIAGRAM SHOWING – GASOIL CIRCULATION BEGINNING



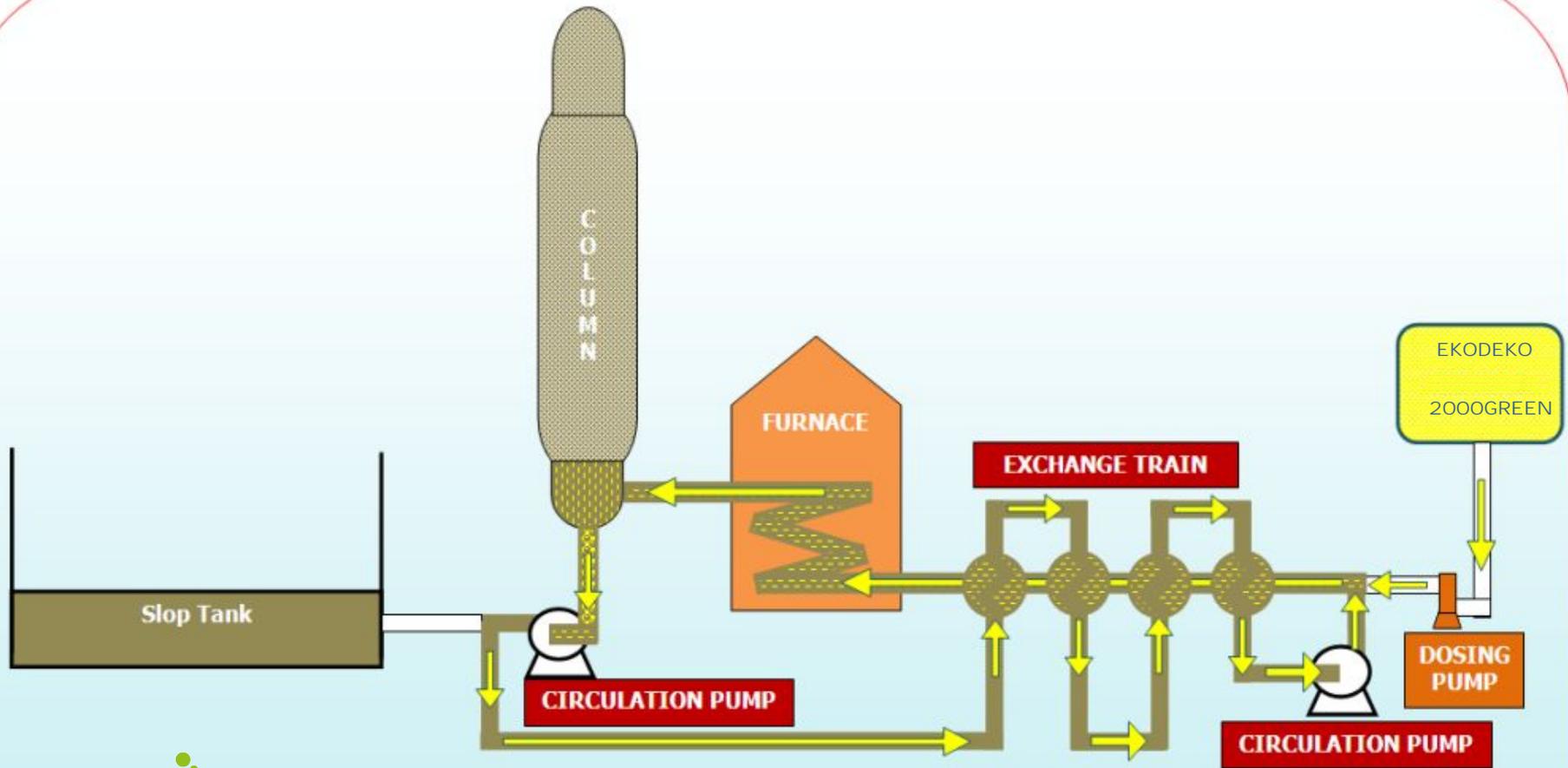
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FLOW DIAGRAM SHOWING – COMPLETE GASOIL CIRCULATION



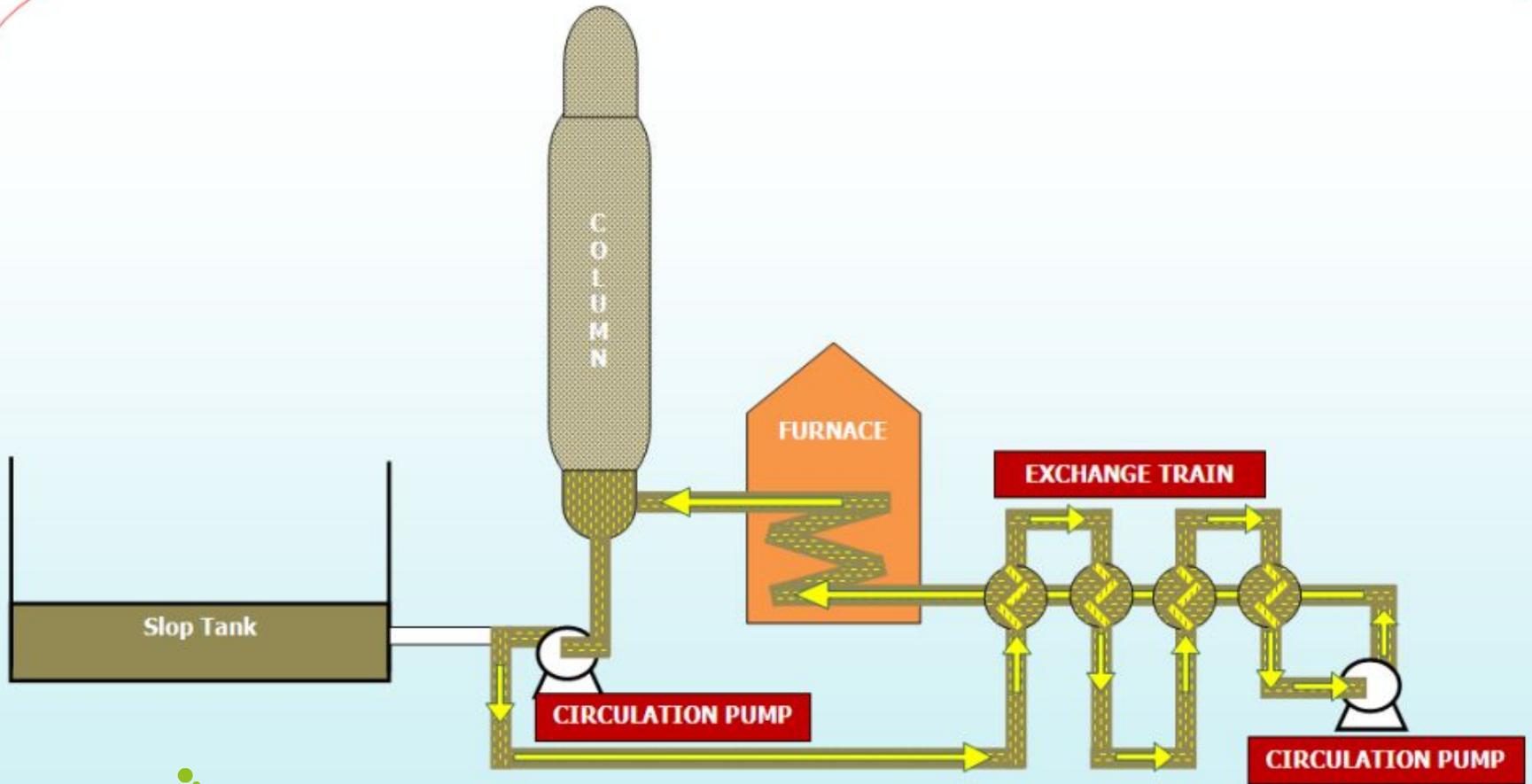
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FLOW DIAGRAM SHOWING – GASOIL CIRCULATION WITH EKODEKO 2000GREEN



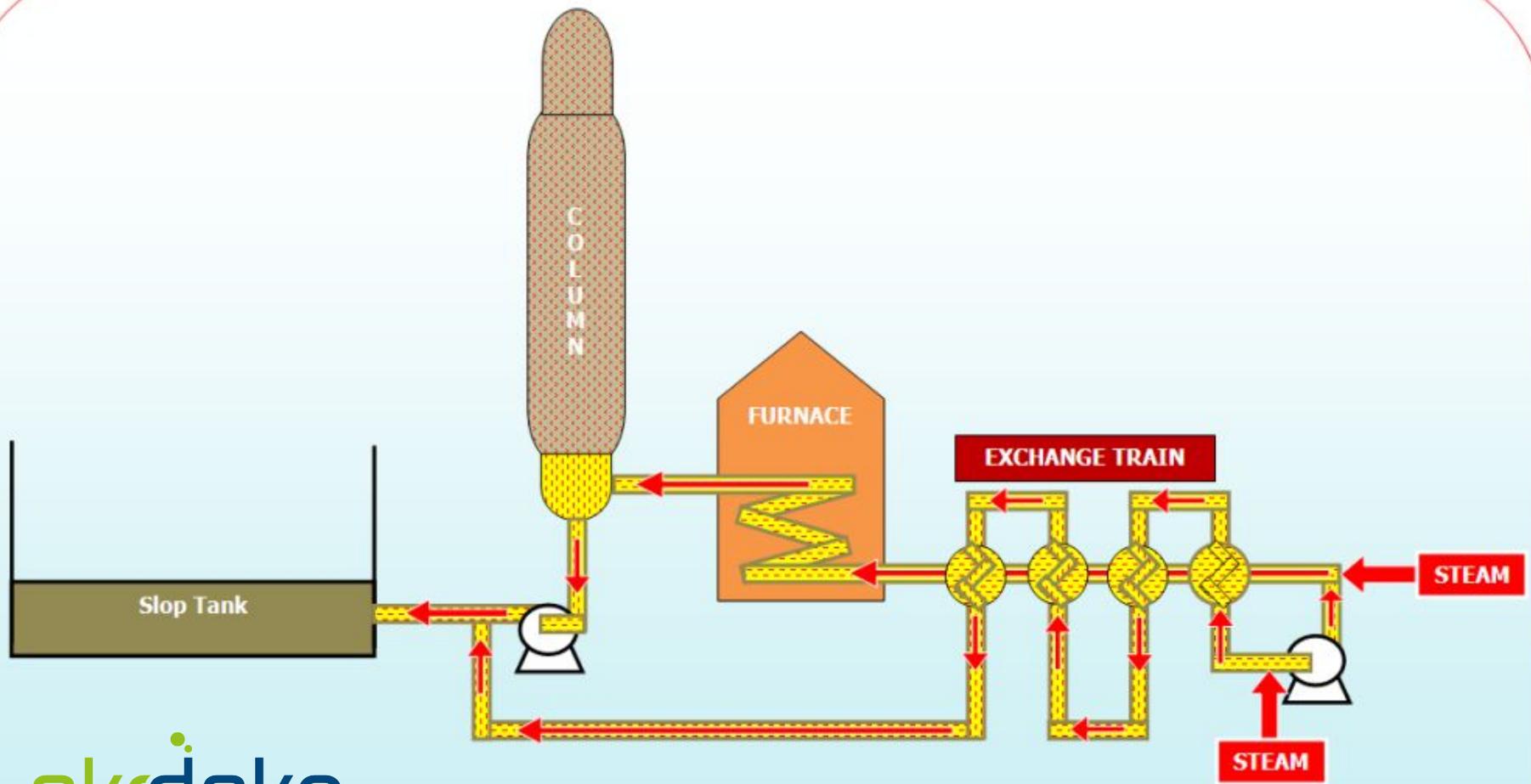
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FLOW DIAGRAM SHOWING - GASOIL CIRCULATION WITH ekodeko 2000GREEN



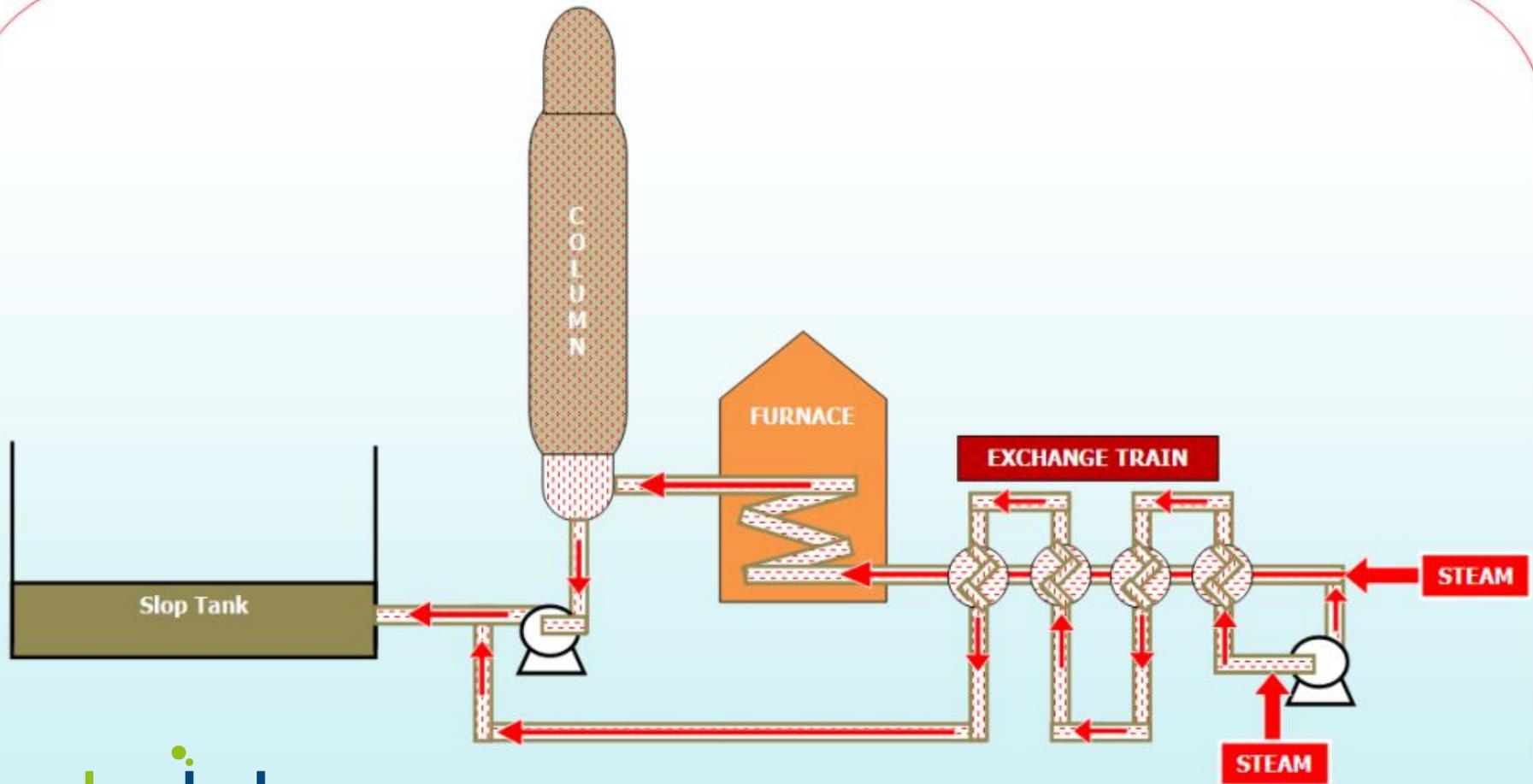
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FLOW DIAGRAM SHOWING GASOIL DISPLACEMENT BY STEAM



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FLOW DIAGRAM SHOWING - CIRCUIT GASOIL FREE



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Degassing & Cleaning

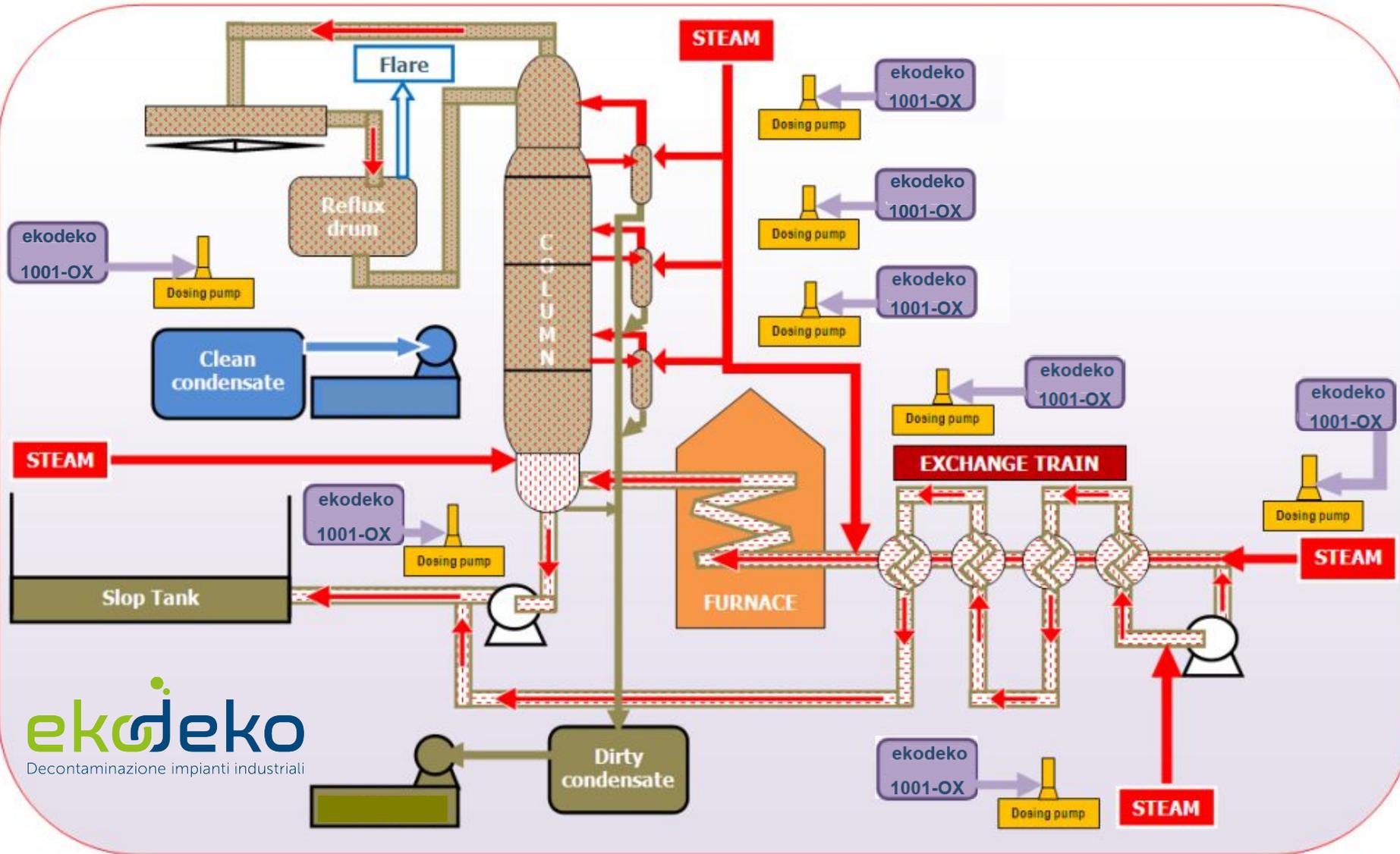
by steam with

ekodeko

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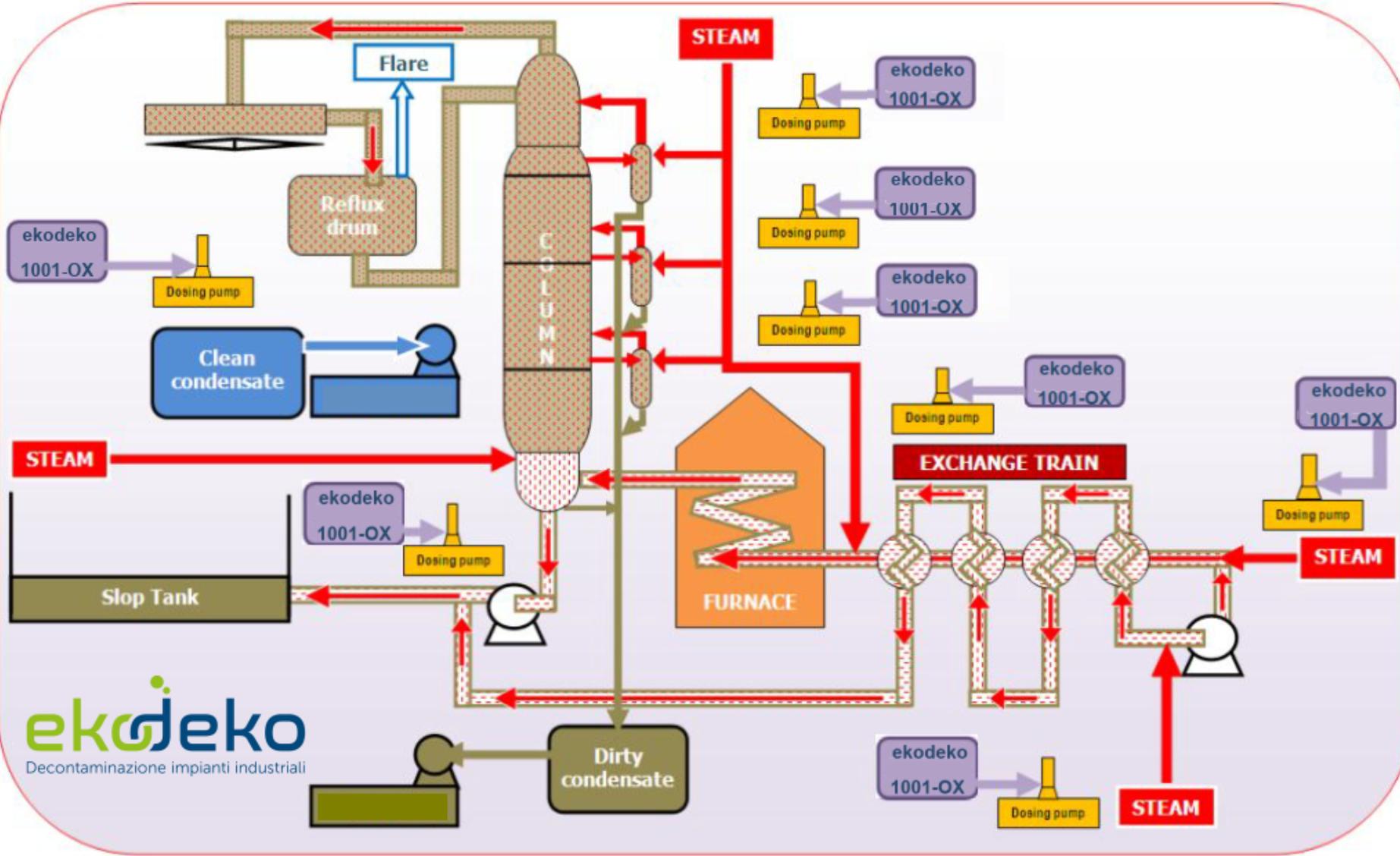
1001-OX additive

FLOW DIAGRAM SHOWING – STEAM OUT CIRCUIT (4 HOURS)



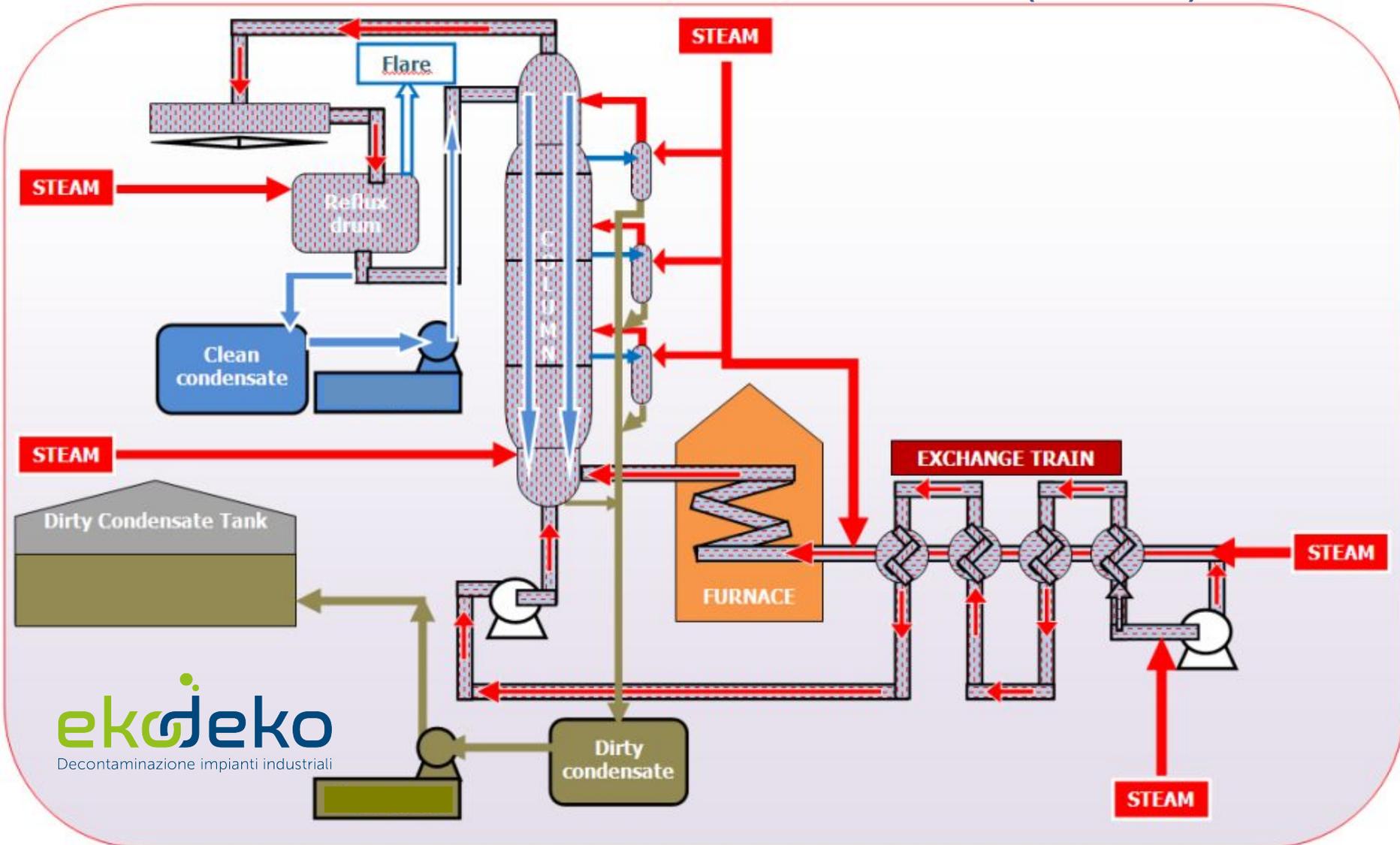
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FLOW DIAGRAM SHOWING STEAM OUT WITH ekodeko 1001-OX DOSAGE STARTING



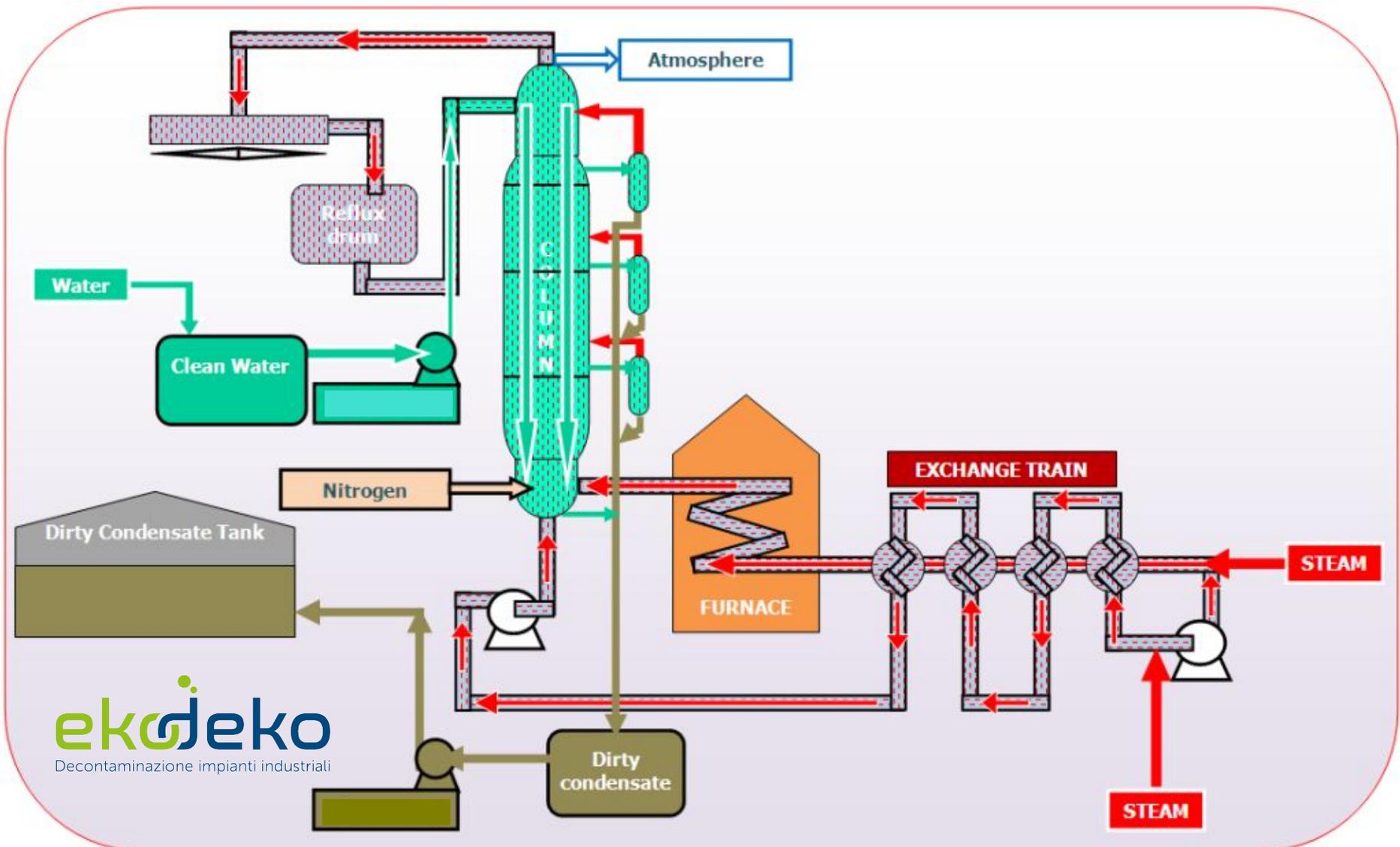
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FLOW DIAGRAM SHOWING STEAM OUT WITH CONDENSATE CIRCULATION (6 HOURS)



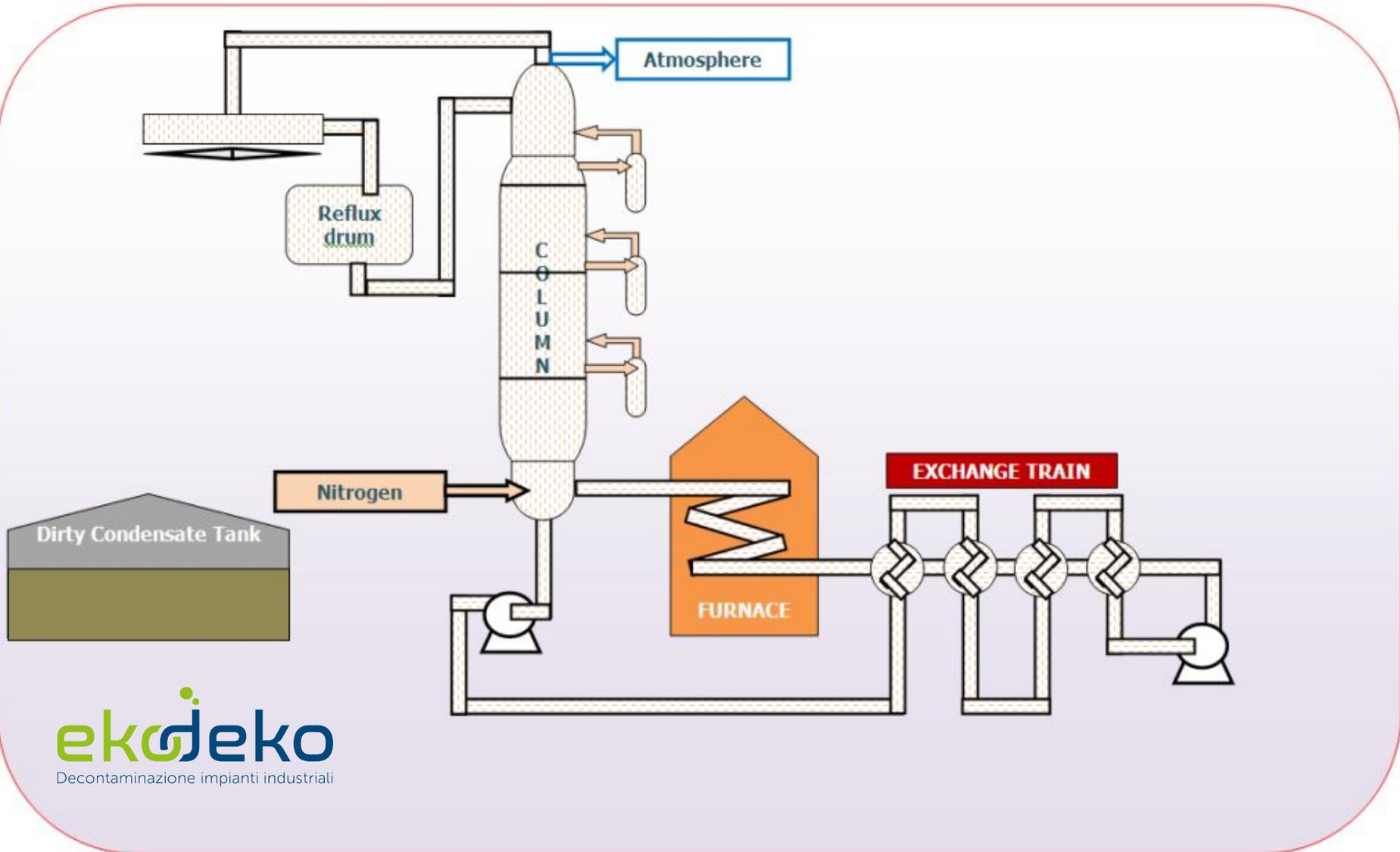
Circuits and items steam flushing to finish the emulsion displacement to the Dirty Condensate Tank
- Time to complete operation: 4-6 hours

FLOW DIAGRAM SHOWING – RINSE WITH CLEAN WATER (6 HOURS)



Main column rinse to cool the item and avoid emulsion stagnation above the trays
- Time to complete the operation: 6-8 hours

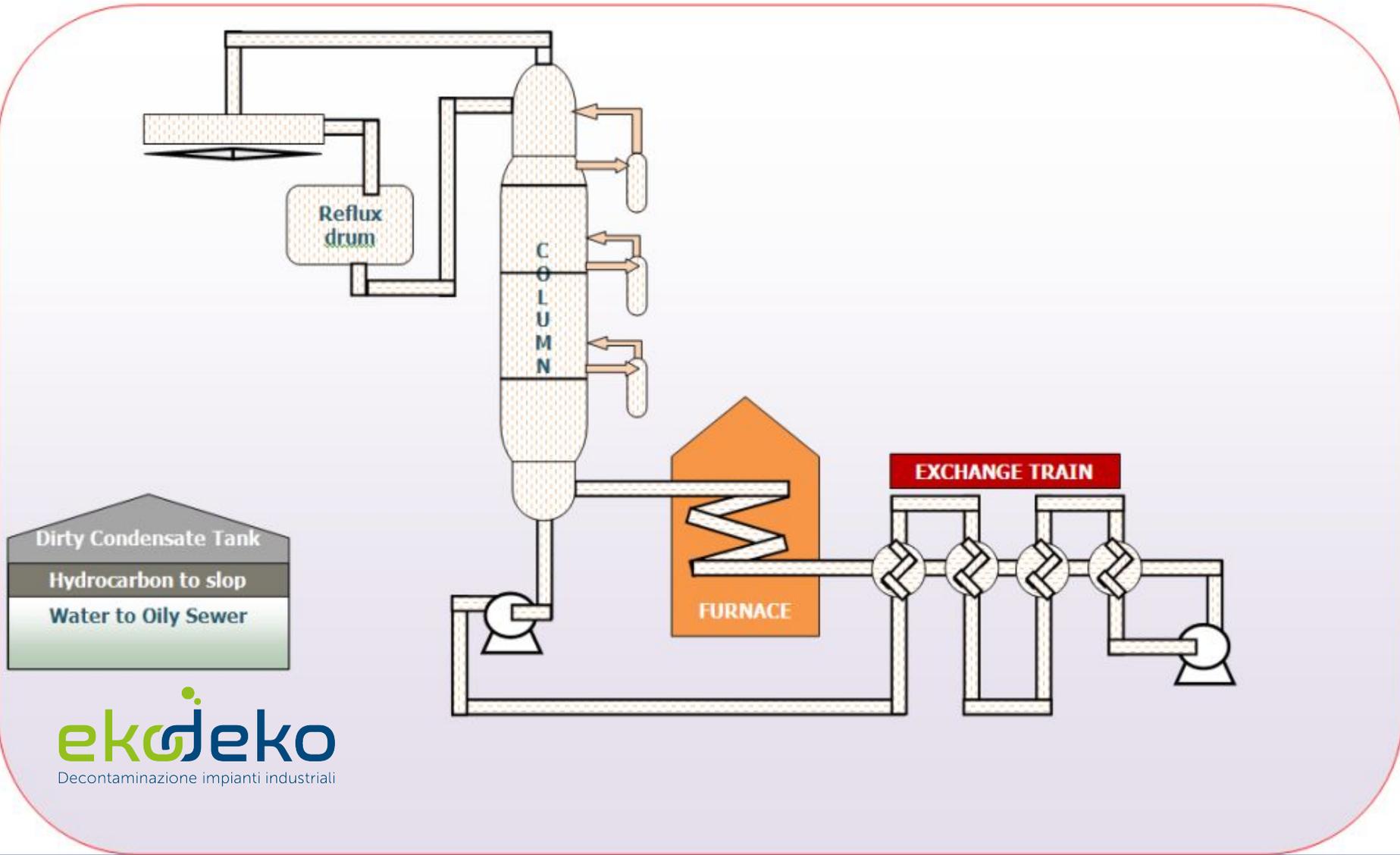
FLOW DIAGRAM SHOWING – FINAL SITUATION



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**Final condensate draining, under Nitrogen pressure,
with flare connection close.
Temporary circuit Removing**

FLOW DIAGRAM SHOWING – FINAL SITUATION + BROKEN EMULSION



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Final Situation - Waiting to obtain the BROKEN EMULSION
Discharge to Oily Sewer the Water and to Slop the Hydrocarbon