



Ecological systems for waste water

WASTE WATER TREATMENT PLANTS



Water is getting every day more precious and consequently more expensive and the need of avoiding pollution is becoming an absolute "must" if we want to keep the rivers, the seas and all the world clean for future generations.

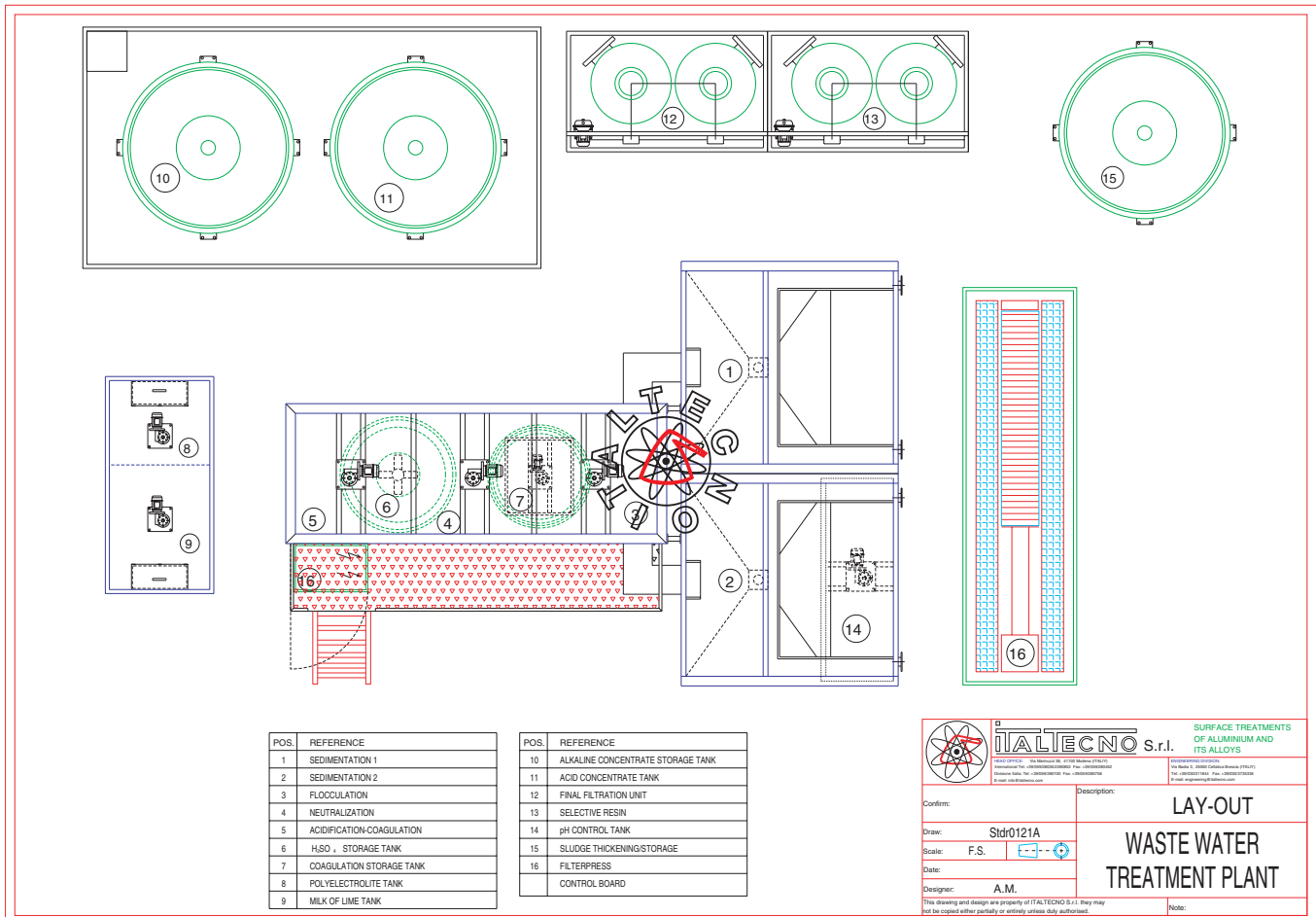
Italtecno has developed waste water treat-

ment systems which reduce the amount of contaminants at a level which complies to the most restrictive international regulations. In addition partial recycling of water (up to 50%) can be achieved with resin plants and total recycling can also be achieved by means of evaporators.



Waste water from anodizing plants

CHEMICAL PHYSICAL PLANT

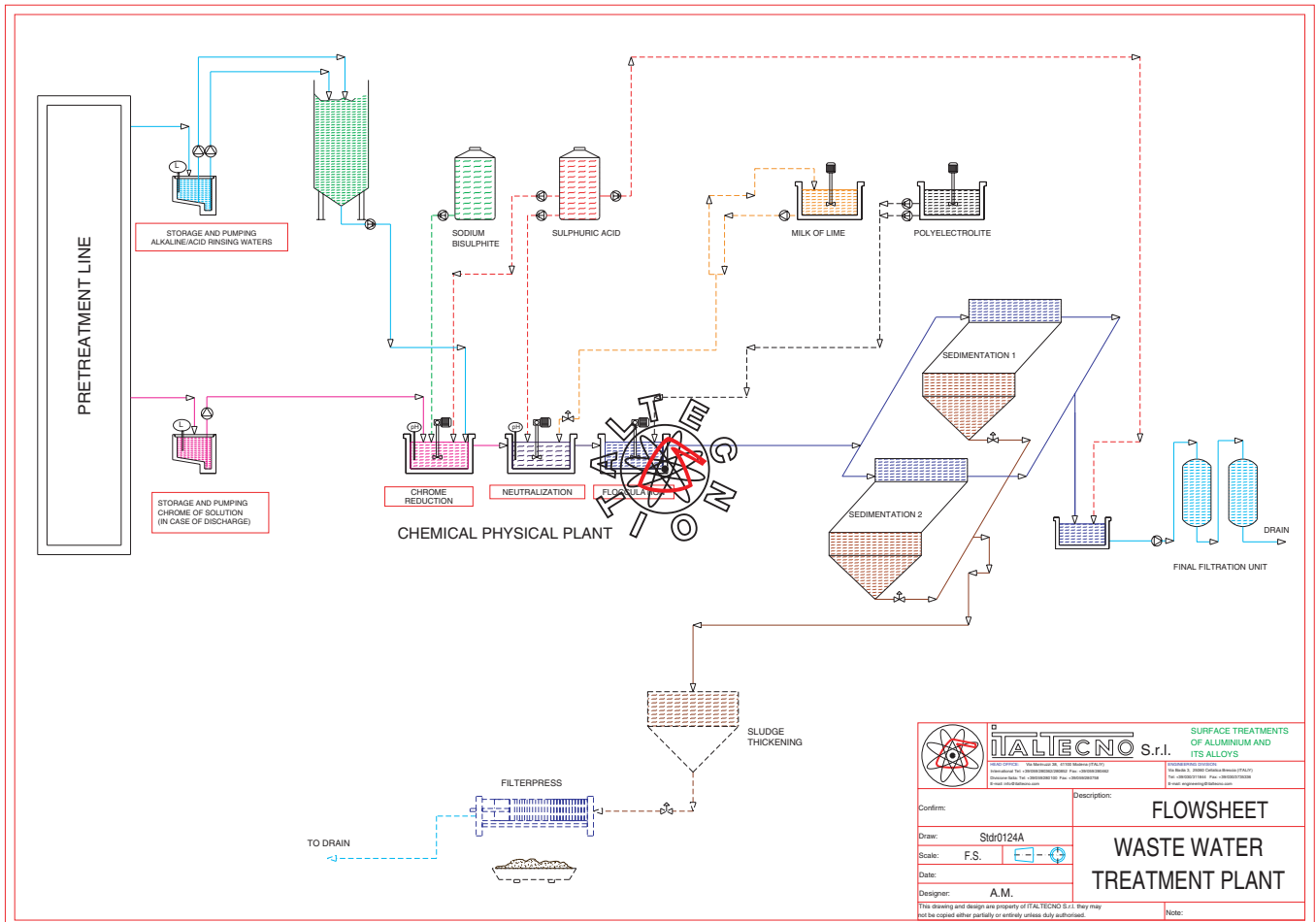


Includes the following parts:

- Water storage tank
- Concentrate storage tank
- Decolouring tank
- Reaction tank
- Reactive preparation and storage tank
- Polyelectrolyte and preparation storage tank
- Lamellar decanter
- Recycling pumps, metering pumps, stirrers, pH control devices
- Final filtering column
- Electric control board
- Filter press

Waste water from coating plants

CHEMICAL PHYSICAL PLANT



 ITALTECNO S.r.l. Via S. Maria 10, 40018 Sesto San Giovanni (BO) - Italy Tel. +39 051 2600000 Fax. +39 051 2600001 Email: info@italtecnos.com	SURFACE TREATMENTS OF ALUMINIUM AND ITS ALLOYS
	Description: FLWSHEET WASTE WATER TREATMENT PLANT
Confirm: Draw: Stdr0124A Scale: F.S. Date: Designer: A.M. <small>This drawing and design are property of ITALTECNO S.r.l. they may not be copied either partially or entirely unless duly authorized.</small>	Note:

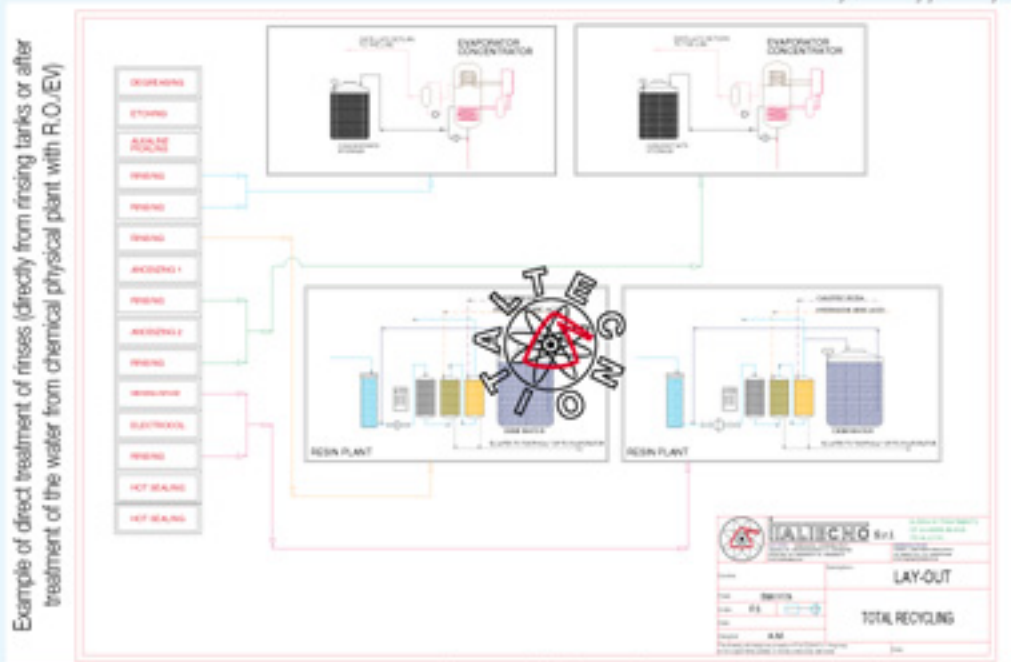
Includes the following parts:

- Water storage tank
- Concentrate storage tank
- Reagents tank (acid and alkaline)
- Acidification and chrome reduction tank
- Neutralization tank

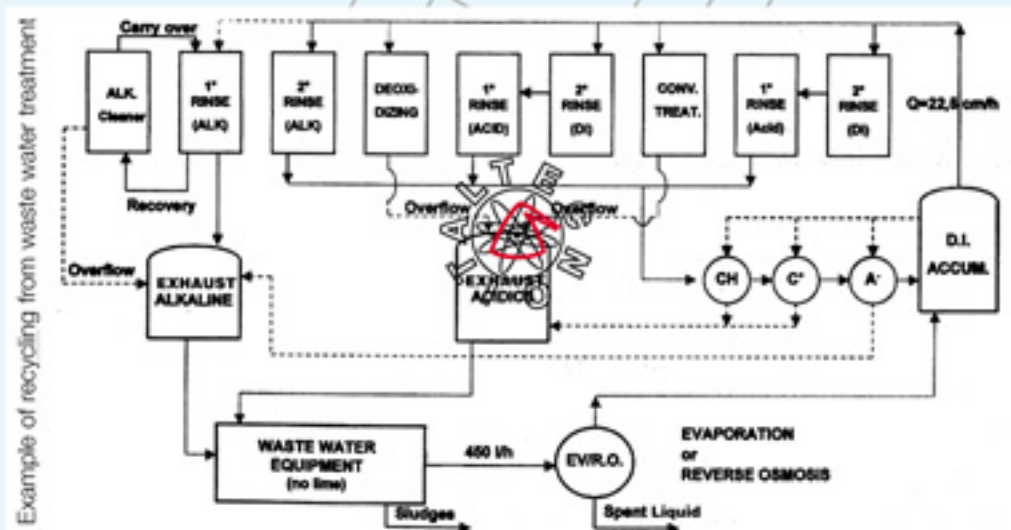
- Flocculation tank
- Lamellar decanter
- Recycling pumps, metering pumps, stirrers, pH control devices
- Final filtering column
- Electric control board
- Filter press



Waste water from anodizing plants
TOTAL RECYCLING



Waste water from coating plants
TOTAL RECYCLING



Environmental respect and water saving necessity can find an answer only by using recycling and recovering technologies. The involved technical advantages of these systems are the increase of the quality of

treatments and the reduction of maintenance costs of the plant thanks to the use of only D.I. water in all stages of the line. This is an additional benefit of zero discharge water plant.

