

REFERENCE SHEET

Ref. 210

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Approved by



**Project: VASILIKOS – THERMAL POWER PLANT
DEMINERALIZATION PLANT**

Job: WT-029



Mixed bed filters and resin holding tank during the erection works

Client **Austrian Energy & Env.**

Owner **El. Authority of Cyprus**

Location **Vasilikos – Cyprus**

Scope of work **Design and Supply**

Year of completion **1998**

Status **In operation**

KEY STAFF

Project Director **M. Rognoni**

Project Manager **L. Meli**

Process Manager **L. Izzo**

Chief Designer **L. Izzo**

Quality Controller **L. Meli / A. Trezzi**

PROCESS

<i>Water to be treated</i>	Desalinated Water
<i>Total Capacity</i>	40 m³/h
<i>Number of lines</i>	2 x 100%
<i>Guaranteed TDS</i>	0,1 ppm
<i>Process Arrangement</i>	Mixed Bed Filters
<i>Resins Type</i>	Rohm & Haas Amberlite 252Na – IRA 900Cl
<i>Regeneration System</i>	Counter flow
<i>Regenerants Type</i>	Caustic Soda 40% / Sulphuric Acid 98%
<i>Filters Material / Lining</i>	C.S. Internally rubber lined Thk 4 mm / Externally epoxy painted 250 µm

Notes:

Plant delivered in 8 months in accordance with contractual schedule.
Site services performed for commissioning / start-up