

# CONSULT

Mühendislik ve Müşavirlik Hizmetleri

A Tetem Company

## CURRICULUM VITAE OF SEYHUN AGAR

20.10.2012

Born in 1948 in Ankara.

Married with 2 sons.

### EDUCATION

1954-59 TED Ankara College Primary school

1959-63 Talas American College for Boys

1963-66 Robert Academy

1966-70 Robert College/BSc in Chemical Engineering

1970-72 Robert College/MSc in Chemical Engineering-Process design

### POSITIONS HELD:

1963-69 Summer-time jobs in Cement Factory-Bartın, and Petroleum refinery-Batman

1964-69 Chemistry Lab Assistant Bosphorus University

1969-72 Indem-Sales Engineer, analytical instruments-Later manager of Istanbul office,

1972-79 Tekfen: Project Engineer - Manager-Heat transfer division

1979-82 Project Manager, Construction of Cigarette Paper mill for SEKA-Kastamonu Mill, Cellulose and Hemp Handling Units.

1982-88 Tekfen Group- Various positions, including design and Project coordination for projects in S. Arabia, Manager of Tendering Dept., Assistant General manager (Tekfen Manufacturing and Engineering Co.

1988- Founder and Chairman of Tetem Ltd., Engineering and Contracting company.

### Experience :

Pioneer in Turkey for thermal and mechanical design of Refinery process equipment, incl. heat exchangers-over 200 units, process units construction in refineries and petrochemical plants, etc.

Design of thermal deaerators, distillation columns, and various pressure vessels.

Design and fabrication of special machinery and equipment for the steel mills, paper mills, etc., alloying stations, Oxygen lance stations etc. Supply of all Machinery including lance stations, Snorkel hoists, Piping systems, Ladle Car Chassis, various instrumentation systems, Baghouse Filter Unit for Isdemir, as well as erection and start-up supervision of these systems.

# CONSULT

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Also, for Kardemir, Oxygen lance system project, Supply of all Moving Bridges, lance hoists, maintenance Crane, Plate type heat exchangers, Circulation pumps, and project management

Process design of many other plants, filling stations, etc.

Project Management, cost control, and related services,

Process design and supply of Water and Wastewater treatment plants, including the complete Plant for Batman Petroleum Refinery, Toros Gübre, Sağlık Sitesi, Tekfen Derince Factory, R.J.Reynolds Cigarette Factory, Kombassan Paper Mill, Pelit İnşaat, as well as package type units (over 100 ea.) for Petrofac, CCC, etc.

-Thermal deaerators thermal and mechanical design, including the 350 t/h capacity İgşas deaerator, and 450 t/h Petkim deaerator.

-Complete process design for a CO<sub>2</sub> production unit from flue gases, using absorption/desorption principle for a beverage producer,

-Design of all process equipment supplied locally for the Seka Kastamonu Cigarette Paper Mill, Cellulose and Hemp Handling Units, (including all condensers, digesters (3 ea.), etc.)

-Petkim Petrochemicals, Lactam ünit, Flue gas treatment system,

-Azot Sanayii 80 t/h capacity and Petkim-Yarımca 100 t/h capacity water tube high pressure steam boiler installation, and supply of all local components,

-Project management of Tüpraş Petroleum Refinery, Recovery boiler local fabrication, installation and start-up,

- Various power plants engineering and construction, for customers including Petkim-Yarımca, Tüpraş, Azot Sanayii, etc.

-Tekfen A.S., S.Arabia Khamis Mushiat city water treatment project, process design and project management,

-The Shell Co. of Turkey Ltd. in Derince factory, Grease unit capacity doubling project, Process design, layout drawings, and supervision of construction phase.

-Galvanizing factory, treatment unit for flue gas treatment using absorption process with alkali solutions. Complete process design, selection of materials, etc.

-SEKA Dalaman Paper Mill Design, supply, installation and project Management of

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the modernization of the Recovery boiler. Project included renewing the side and bottom panels, moving the electrical room, new instrumentation, new ductwork and fans,

dampers, etc, and new TV systems, sootblowers etc. All the work was completed in 3 months. This is one of the biggest recovery boiler projects in Turkey, main contractor being Babcock Entreprise-France.

-Design and installation of Sterile areas for the pharmaceutical plants, HVAC systems for these, and many office partitions and false ceilings installations. Customers include: Adeka, Atabay, Henkel, Hoechst, Bayer, Yapi ve Kredi bank, Demirbank, Abdi Ibrahim, Genpa, Biofarma, T.A.V. Istanbul Ataturk airport new terminal building, Ulusalbank, and many others.

-PAK Maya, Major Yeast producer in Turkey, Renovation of all Stainless steel Fermentation tanks, as well as modernization of other process equipment after the earthquake damage.

Project Management for various projects including, but not limited to:

- P&G new detergent factory, Gebze
- Steel viaducts erection for Istanbul-Ankara highway, at Bolu mountains,
- Various steam boiler projects, in SEKA, Tüpraş, Petkim, Azot San, etc.
- Steel mills, in Erdemir, Kardemir, Isdemir.
- Potable water Project, ABHA/S. Arabia,
- Various water and wastewater projects, in Turkey, Azerbaijan, Georgia, etc.
- Petrochemical industry Piping Prefabrication and site installation projects in Kazakhstan, S. Arabia, in 2 major investments,
- Consultancy for high pressure heat exchangers in Azot San, for Tekfen, and various process design projects.