

TELEFAX

P.O. Box 5040 Heliopolis West

To

: ARPCO-AHWAZ Rolling

From

Basim El-Subihy

Attn

and Pipe Mills Co. Mrs. N. galali

Dept.

MSI/LIN

Pages

1 + 1

Date

12/1/2005

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Subject:- Introducing ABB APIC Activities In Metal Industries

Dear Sir:

First of all, we would like to introduce ourselves to you. We are the Metal Industries Department, within the organization of ABB APIC (Automation, Industries & Petrochemicals) S.A.E. Eqvot.

The main aim of this letter is to introduce to you our capabilities in the field of metal industries after several years of success stories.

ABB APIC is offering solutions and systems with full scope of products and services for the metal industries based on Industrial IT technology.

Whether it is hot and cold rolling mills, processing lines, casters or melt shops, our activities comprises the design, planning, engineering and supply as well as commissioning and start-up.

Generally, ABB provides power distribution, process automation, advanced drive technology. measuring systems, instrumentation, technological control, modeling and full range of services.

Using the ABB's world wide organization deep metal industries knowledge which was gained from more than 100 years of experience serving the metal industries, we have built the ABB industrial IT solution for metal Industries.

Each industrial IT solution is created for specific process needs, built with Industrial IT products. Integrating these ABB Industrial IT Products will lead to the Optimization of the core processes of your business.

You will find more details about ABB products in the attachments. Or you may visit our website: www.abb.com.

After several success stories for our department in the metal industries in Egypt, Sudan, Saudi Arabia and Jordan and by depending on our local/foreign engineering facilities, competitive prices, high quality restrictions we have planned to utilize our experiences to serve more customers in the neighborhood countries.

Accordingly, in case of any clarification you may need, please do not hesitate to contact us. We will be very pleased to answer any of your questions and we will be able to clarify our capabilities by a presentation that shows how far can we cover your needs and demands. Looking forward to hearing from you soon, and to start a chain of successful co-operation between

us and your honorable company.

Eng. Ibrahim Heikal

Metal Industries Department Manager

Eng. Ayman Zaki

Metal & Specialized Industries Division Manager

ABB Automation, Industries & Petrochemicals - AIPC - S.A.E.

إيه بي بي للتحكم الآلي والصناعات والبتروكيماويات

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Yours truly

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ABB Products Overview

The following is a summary for the main products/systems that we offer:

Control Systems

- 800xA system O
- Advant system 0
- Free Lance system 0
- Melody system 0
- Stand alone PLCs 0

• Low Voltage Products

- Circuit Breakers (MCCB/MCB)
- **Control Products** 0
- Enclosures/Panels and Cable systems. 0
- Industrial Plugs & Sockets 0
- Switches & Fusegear
- Switchgear systems
- Network quality

Transformers

- **Power Transformers**
- **Distribution Transformers** 0
- MV & HV instrument transformer

Instrumentation & Analytical

- **Actuators & Positioners** 0
- **Analytic Instruments** 0
- Fieldbus solutions 0
- Force measurements 0
- Flow measurements 0
- Pressure & Level Measurements. 0
- Recorders & Indicators 0

. Motors, Drives & Power electronics

- AC & DC Motors O
- AC & DC Drives O
- Generators 0
- **Excitation systems** 0
- High power rectifier 0
- Synchronization products.

Medium Voltage Products (1-50Kv)

- Distribution protection & control
- **Fuses** 0
- Indoor Circuit Breakers & Contactors 0
- **Modular Systems**
- Outdoor products
- Railway Power Supply 0
- Panels Kits & Parts 0
- **Switches** 0
- **Switchgears**

High Voltage Products (>50Kv)

- High Current systems 0
- Surge Arresters 0
- Capacitors 0
- **Switchgears** 0

Services

- Installation & Commissioning 0
- Maintenance & Field services 0
- Migration & Retrofit 0
- Spare Parts and Repair 0
- Support and remote services
- Performance service 0
- Training

For inquires, clarifications and questions please contact us.

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