

Installing air conditioning in computer room

Saueressig, Jordan

Amman, Jordan

COMPANY IN BRIEF

Saueressig, Jordan, produces and delivers engraved cylinders and photopolymeric flexo printing plates for the local and international printing industry. They have been in the international market since 1953. They have currently 23 employees. Main raw materials are copper and steel cylinders.

The company has participated in a PREMA training programme, organized by EJABI and carried out in Amman from March to June 2008 with one participant (production manager, with long term experience in the company). The PREMA programme consisted of four workshops and company visits. Between workshops three Networks Meetings allowed an exchange of experience among the companies and each company was individually assisted by local trainers.

PROBLEM AND ITS CAUSES

In summer, the digital processing and transfer of print data often failed as the computers became too hot. This resulted in failures in the engraving process which causes significant reprocessing costs of cylinders.

MEASURE(S) IMPLEMENTED IN THE COMPANY

The computer room has been equipped with air conditioners in order to ensure a constant temperature of the computers. The air conditioners are only needed in summer (4 months). The failures of data transfer and thus failed engravings could be reduced by 75 % after installation.

ECONOMIC BENEFITS

In the past, about 70 cylinders had to be re-plated and re-engraved annually due to computer problems. This resulted in losses of about 3360 JD per year. A reduction of data transfer failures by 75 % allows gross savings of 2520 JD per year. The possible time saving and freeing of production capacity has not been considered so far.

Additional operational costs are caused by increased electricity consumption (280 JD per year). Investment for air conditioners is 500 JD.

Annual net savings	2240 JD	The saving from reduced re-plating and re-engraving
Investment cost	500 JD	Installation of air conditioners
Payback period	3 months	

ENVIRONMENTAL BENEFITS

Less chemicals and less raw materials are consumed for production resulting in less waste and reduced wastewater generation.

ORGANISATIONAL BENEFITS

The production can be organised more efficiently, as less cylinders have to be reprocessed. This frees capacities for all relevant machines.

IMPROVEMENT OF HEALTH & WORKPLACE SAFETY

Not detectable.

FOR MORE INFORMATION

PREMAnet
Nordstrasse 65a
53111 Bonn

info@premanet.net

www.premanet.net

**EuroJordanian Advanced Business Institute -
EJABI**
Rahma Tommalieh
P.O.Box 6360
Amman 11118
Jordan

info@ejabi.jo , www.ejabi.jo