

EFFICIENT USE OF STEAM IN AN INDUSTRY

by

PARANIS ANDREAS

Project Report

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Project Supervisor : Dr. P. Eleftheriou

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ABSTRACT

This project deals with energy conservation, and the use of steam in an industry.

The project is partly theoretical and partly practical.

The theoretical part is included in the first two chapters, and the practical part in the final two chapters.

For the practical part a report that made, is referred to the total energy that consumed in the ETAPOL Co. for the year 1990. For the same company some methods for more efficient use of steam were suggested.

In Chapter I the energy conservation in general and how is applied to steam were discussed.

In Chapter II various steam devices were described.

The Chapter III represent the report made, on the total energy consumption for the year 1990, including the description of the operation of the devices n the ETAPOL Co., for the production of the polysterene.

Finally, the Chapter IV is referred to energy conservation methods suggested for using the steam more efficiently in order to reduce steam losses.

CONTENTS

Pages

ACKNOWLEDGEMENTS

CONTENTS

ABSTRACT

INTRODUCTION

CHAPTER I ENERGY CONSERVATION IN GENERAL

AND HOW IS APPLIED TO STEAM

1.1	The need to conserve	1
1.2	Principles of energy conservation	3
1.3	An energy saving programme	4
1.4	The main areas for examination	5
1.4.a	Management of energy	5
1.4.b	The Energy Manager	7
1.4.c	Energy auditing	8
1.4.d	Energy costs	13
1.4.e	Planning	14
1.4.f	Road transport	15
1.5	Energy conservation applied to steam	16
1.5.a	The boiler house	16
1.5.b	What size should the feed tank be	16
1.5.c	Flash steam	17
1.5.d	What to do with the flash steam	18
1.5.e	Simple Vapour recovery	19
1.5.f	Boiler Blowdown	20
1.5.g	Boilers	21
1.5.h	Load factor and operation	21
1.5.i	Heat in dry flue gasses	24
1.5.j	Flue gass temperature	25
1.5.k	Heat in water vapour	26
1.5.l	Boiler water	26
1.6	Steam distribution	28
1.7	Steam utilisation	28
1.8	Heat recovery from steam condensate	29
1.9	Steam traps	30
1.9.1	Air removal from steam installations	31
1.9.2	Getting the air out	32

CHAPTER II DESCRIPTION OF THE STEAM DEVICES AND
 HOW THEY ARE USED

2.1	Steam trap	33
2.2	Mechanical traps	33
2.2.a	Float traps	33
2.2.b	Trip action float traps	34
2.3	Thermostatic or expansion traps	35
2.3.a	Metallic expansion traps	36
2.3.b	Pilot traps	36
2.3.c	Pumping or lifting traps	37
2.4	Selection of traps	38
2.5	Frost	40
2.6	Strainers	40
2.7	Trap Bypasses	41
2.8	Steam Driers	42
2.9	Oil Separators	43
2.9.1	Desuperheaters	44
2.9.2	De-aerators	45
2.9.3	Steam jets for circulation	45
2.9.4	Injectors	46
2.9.5	Ejectors	47
2.9.6	Steam accumulator - Ruths type	48
2.9.7	Steam turbines	49
2.9.7.a	Classification of steam turbines	49
2.9.7.b	Principles of operation	49

CHAPTER III TOTAL ENERGY CONSUMPTION

3.1	How the polysterene is produced	52
3.2	Production of polysterene in <u>G</u> device	52
3.3	Operation of the devices in two sections	54
3.3.a	Operation of the devices in Section (2)	54
3.3.b	Operation of <u>I</u> device	55
3.3.c	Operation of the devices in Section (1)	57
3.3.d	Operation of <u>A</u> device	59
3.3.e	Important Notes	60
3.4	General information of expanded polysterene	61
3.5	General properties of expanded polysterene	63
3.6	Total Energy Consumption	64
3.7	How to construct a Sankey diagram	64

	<u>Pages</u>	
3.8	Energy Consumption for the year 1990 in ETAPOL Company Ltd	65
3.8.a	Electricity Consumption	65
3.8.b	Calculation of electricity consumption in Joules	71
3.8.c	Oil Consumption	71
3.8.d	Calculation of fuel consumption in Joules	73
3.9	Total energy consumed in 1990	73
3.9.1	Sankey diagram construction	80
3.9.2	The steam boiler system at ETAPOL Co	81
3.9.3	ETAPOL Boiler Specifications	84

CHAPTER IV PROPOSED METHODS FOR MORE
EFFICIENT USE OF STEAM

4.1	Introduction	85
4.2	Layout of the pipes	85
4.3	Steam trap installation	86
4.4	Measurement of CO ₂ and Oxygen	87
4.5	Blowdown Control	87
4.6	Provision for expansion	88
4.7	Re-arrangement of feed water tank	89
4.8	Steam trap maintenance	90

References