



#### **OCCASION**

This publication has been made available to the public on the occasion of the 50<sup>th</sup> anniversary of the United Nations Industrial Development Organisation.



#### **DISCLAIMER**

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as "developed", "industrialized" and "developing" are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

#### FAIR USE POLICY

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

#### **CONTACT**

Please contact <u>publications@unido.org</u> for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at www.unido.org

16055

Project No. US/INT/86/120

Contract No. 86/50

November 7,1986 LCS/He/Re

Final Report on Activities of ninth UNIDO-Workshop on Fertilizer Plant Maintenance

Executing Agency:

Place of Training:

Period of Training:

Chemserv Consulting GasmbH

Chemie Linz AG, Austria

September 1 to October 24, 1986

Participants:

Mr. Fayez Matouk

Mr. Asghar Ali

Mr. Arshad Pervez

Mr. U. Than Wai

Mr. U. Sein Win

Mr. Asaf Young 19

Mr. Necdet Geler

Mr. Neegrobe Wilmen

Mr. Nordin Ammi

Mr. Mohamed Aly Elect.

Mr. Mohamed Dageil Montack is studied

Mr. Mohamed Abdel Mate let Armed Elmasary

#### Training Programme:

1st week: September 1 - September 5, 1986

General information about Chemserv/Chemie Linz Official opening of the ninth UNIDO WORKSHOP ON

FERTILIZER PLANT MAINTENANCE.

Study visit to hydroelectric power station Asten
Training in utilities, boiler feed water, 3enfield

system

Safety valves

2nd week: September 8 - September 13, 1986

Training in safety department - fire brigade Study visit to Peat fertilizer plant Bürmoos Maintenance of electric equipment in NH<sub>2</sub> plant

Power supply system

Calculation on safety valves

3rd week: September 15 - September 19, 1986

Training in production plant on electric control equipment Study visit to truck, roller bearing manufacturer, Steyr

Material administration spare parts Central workshop field maintenance

" machining construction

Mid term review UNIDO Vienna Study visit to ship yard Linz 4th week: September 22 - September 26, 1986

Training in urea plant reciprocating compressor

Melamine plant

Instrument department

Transmitter control equipment

Study visit to manufacturer of el. equipment EBG,

VOEST-Alpine AG

5th week: September 29 - October 3, 1986

Training in instrument department

Fundamentals of process control system

Work order processing

Maintenance operational system

Material testing estructive and nondestructive tests

corrosion problems

Study visit to Vienna Hörbiger manufacturer of compr. valves

6th week: October 6 - October 10, 1986

Study visit to Ochsner manufacturer of compressors,

turbines, pumps, etc.

Electrical workshop repair of motor gears, el. equipment etc.

Inspection-TÜV revisory inspection of pressure vessels, high

pressure equipment

7th week: October 13 - October 17, 1986

Study visit to ELIN Weiz/Styria

Training on maintenance of centrifugal and high speed

rotating machines

Synthesis gas compressor

Turnaround system in ammonia plant (STP)

8th week: October 20 - October 24, 1986

Study visit to peat fertilizer plant Bürmoos
Training in process control system
Simulation of pressure temperature, chemical reactions etc.
Environment management
Supervision center of Chemie Linz AG
Study visit to S & S manufacturer of electrical equipment
Final review

The participants were divided in three groups to four persons each group

2 groups - mechanical engineers

1 group - electrical engineers

Herzof

# Detailed firancial statement for allowances, lodging, contingencies

	1. Lodging S 170,-/day S	2. 20 % of allow full board weekends S	3. v. contingencies taxis, excess luggage S
Mr. Mohd. Aly Elenany	9.180,-	30.804,-	4.126,-
Mr. Mohd. Naguib Elmetwally	9.180,-	30.804,-	4.126,-
Mr. Mohd. Abdel Mottaleb Elmasan	y 9.180,-	30.804,-	4.126,-
Mr. Fayez Matouk	9.180,-	30.804,-	2.606,-
Mr. Asghar Ali	9.180,-	30.804,-	2.606,-
Mr. Arshad Pervez	9.180,-	30.804,-	2.606,-
Mr. U. Than Wai	9.180,-	30.804,-	3.490,-
Mr. U. Sein Win	9.180,-	30.804,-	3.490,-
Mr. Asaf Yahyaoglu	9.180,-	27.164,-	2.500,-
Mr. Necdet Sefer	9.180,-	30.804,-	2.500,-
Mr. Noegroho Wibowo	9.180,-	30.804,-	2.500,-
Mr. Nurdin Achmad	9.180,-	30.804,~	2.500,-
	110.160,-	366.008,-	37.176,-
Total amount for 1., 2. and 3		S	513.344,
Training fee		S	830.400,
		S	1.343.744,
Amounts to be transfered from			
Unido to Chemserv according to d	ontract		
S 600,000,			
\$ 300,000,			
<u>s 440.208,</u>		S	1.340.208,
	- Di	fference S	3.536,

Chemserv

#### RECORD OF WORKING TIME

. (1

Month: September 86

Name: Asghar Ali

Nationality: Pakistan

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1,9,86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt"-machine	1 /
2,9,86	CTE	Meeting with elect.head to discuss organization of Electr. department	
3,9.86	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	12man
4,9,86	CTE	Discussion about electr. maintenance procedure and electr. equipment in Ammonia-plant	
5.9,86	CTE	Study visit "Polyfelt-Plant", discussions about electr. supply system	
5,9, <b>8</b> 6			
7,9,86	LCS	Study visit to Salt mine & facilities	•
8.9.36	нS	Safety Department of Chemie Linz AG; Study visit to Rosenbauer factory	Suberace
9,9,86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	1/1
10,9,86	HS	Two movies about safety and visit to the "Fire Brigade" of Linz City	
11.9,86	CTE	Visit to new H.V. & L.V. rooms of Chemie Linz and electr. system for protection	Som-
12.9.86	CTE	Discussion about 110/6 KV-System and visit to 6 MW-Motor in Nitric Acid Plant	1/
13,9,86	LCS	Study visit to municipial administration of Linz	Th
14,9,86		•	•
15.9,86	CTE	Electr. workshop of Electrical Power System of Austria	
16.9,86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17.9.86	CTE	Discussion about motor testing techniques and fault analysing instrument for electr. system	1 Perua
18.9.86	GMR/US	Visit to central inventory system and monitoring of power & pollution	1.
19.9.86	LCS	Study visit to Ship Yard Linz	4
20.9.86			,
21,9,86	LCS	Study visit to Silber-Mine and facilities	H
28,9,86	LCS	UNIDO Head Quarter, Vienna - Midterm review	YL.

Ja Many

CHEMIE LINZ AG

Chemserv

# RECORD OF WORKING TIME

Month: September 86

Name: Asghar Ali

Nationality: Pakistan

ate	Dept.	Aktivities		Signature CL
23,9,86	LCS	Study visit to EBG and Thermal Power Station ESG		Bubin Och
24,9.86	CTR	Instrumentation Workshop		}
25.9.86	LCS	Study visit to VOEST-ALPINE Steel Works and training centre		
26.9.86	CTR	Discussion about fundamentals of transmitters		Subirque
27,9.86				
25,9,86				
29,9,86	CTE	Discussion about Motor Vibrations and Vibration measuring meters	•	1 for 2m-
30.9.86	CTR	Discussion about P, PI, PID controllers		
				<b>.</b>
*				
			· · · · · · · · · · · · · · · · · · ·	
		•		
		, , ,		
				<del></del>
	,			:
	<del>                                     </del>			
			1. 1	
	<del></del>		11	CAN

#### CHEMIE LINZ AG

Chemserv

# RECORD OF WORKING TIME

Month: October 86

Name: Asghar Ali

Nationality; Pakistan

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1,10,86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	
2.10.86	CTR	Discussion about computer control system FOXBORO in Chemie Linz	Aubino
3.10.86	CTA	Discussion about work order processing in Chemie Linz	- J.
4.10.86		•	
5.10.86			
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	4
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	Alleria
8.10.86	GPW	Visit to Training Centre of Chemie Linz - training facilities	11 7 1
9.10.86	CTR	Discussion about computer control system of Foxboro	Man
10.10.86	LCS	Study visit to Munich	()
11.10.86	LCS	Study visit to Munich	
12,10,86	1		/,
13,10,86	BRA	Works council - Study visit to farm house	re
14, 10, 86	LCS	Study visit to OCHSNER, pumps manufacturing works	Suberos
15, 10, 86	LCS	Study visit to ELIN, electrical manufacturing company	
16, 10, 86	CTE	Production plants CAN, H <sub>3</sub> PO <sub>3</sub> and testing of 6 kV motors	1 stem
17,10,86	CTE	Discussion about department organization and visit to stores of electr. department	
18,10,86	LCS	Study visit to Concentration Camp Mauthausen / Laurizcum	, suberc
19,10,86			8
20,10,86	CTR	Computer control system	01
21,10,86	LCS	Study visit to S & S manufacturer of electrical equipment	Sam
22,10,86	CTR/CTE	Process control system / Dynamic balancing	

Ar. ( . ing

#### RECORD OF WORKING TIME

Month: October \$6 Name: Asghar Al

Nationality: Pakistan

Project: UNIDO-Workshop

ate	Dept.	Aktivities	, Signature CL
23,10,86	LCS	Final Review	the .
24,10,86	LCS	Conclusion of workshop in electrical department	Jane-
25,10,86	LCS	Study visit to diverse administrative departments	J 6
26, 10, 86	LCS	Preparation of reports and assessment of the course	fe
	<del></del>		
			<u> </u>
	<u> </u>		
	<b> </b> -		

A Clowy

Chemserv

#### RECORD OF WORKING TIME

Month: September 86

Nationality: Indones

Project: UNIDO-Workshop

ate	Dept.	Aktivities	Signature CL
1.9.86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt" machine	
2.9.86	ADA	Utilities, boiler feed water and maintenance problem solving	· En
3.9,86	LCS	Study visit to Hydroelectric Power Station of Asten and St. Florian	fe,
4.9.86	ADA	Explanation about ammonia, Nitric Acid plant	1/1/1
5.9.86	ADA	Compressors, pumps of ammonia	XIVE
6.9.86			
7.9.86	LCS	Study visit to Salt mine & facilities	11.
8.9.86	нѕ	Safety measures; Study visist to Rosenbauer	P4
9,9,86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	
10.10.86	HS	Fire brigade respiratory apparates and study visit to Linz Fire Brigade training centre	dubergur
11.9.86	СТР	Safety valves, steam boiler inspection	
12.9.86	CTP	Safety valve theory, calculation	1/
13.9.86	LCS	Study visit to municipial administration of Linz	He
14.9.86			7
15,9,86	ADA	Explanation and studying in ammonia plant	11 80
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	He.
17,9,86	СВН	Urea plant reciprocating compressor	91.
13.9.86	СВН	CO2-compressor, bagging plant, melamine plant	Jumo
19.9.86	LCS	Study visit to Ship Yard Linz	Aubnour
20,9,86			
21.9.86	LCS	Study visit to Silber-Mine and facilities	K
22.9.86	LCS	UNIDO Head Quarter, Vienna - Midterm Review	1 all

set t

Month: September 86
Hame: Nurdin Achmad

Nationality; Indones

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
23.9.86	LCS	Study visit to EBG and Thermal Power Station ESG	He.
24.9.86	ADA	Single train ammonia plant shut down maintenance system	
25,9,86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	
26.9.86	СТН	Central workshop duties ·	×
27.9.86			
28.9.86			
29.9.86	CTP	Material inspection department	He pro-
30.9.86	ADA	Single train ammonia plant shut-down maintenance system	17/2/il
			-1
	<del> </del>		
<del></del>			
~			
	ļ		
	1		
***************************************		` ` ` ` ` `	
			,

John Z

Month: October 86
Name: Nurdin Achmed
Nationality: Indones

Project: UNIDO-Workshop

Date	Dept.	Aktivities	"Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	ten :
2.10.86	СТР	Corrosion problem - material structure	1 ( Leu
3.10.86	CTA	Work-order processing	supercur
4,10,8.			6
5, 10, 86			1,
6.10,86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	J.
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	Juberner
3.10.86	GPW	Visit to Training Centre of Chemie Linz - training facilities	
9.10.86	СТР	Material inspection - non destructive tests	( ú
10.10.86	LCS	Study visit to Munich	1. 628002
11.10.86	LCS	Study visit to Munich	Januaryo
12.10.86			
13.10.86	BRA	Works council - Study visit to farm house	He
14,10,86	LCS	Study visit to OCHSNER, pumps manufacturing works	1 th
15, 10, 86	LCS	Study visit to ELIN, electrical manufacturing company	- interpol
10,10.86	HS/GM	Supervisory centre and material administration	- morrege
17,10,86	ADN	Nitric acid and calcium ammonium nitrate plant	Tel
18, 10, 86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	He
19,10,86			V
20.10.86	CTM	Mill wrights, high pressure equipment	du Ben M
21,10,86	LCS	Study visit to S & S manufacturer of electrical equipment	7
22,10,86	CTM/CTE	Compressor maintenance system / Dynamic balancing	15 Zuan

Journ Achany

#### RECORD OF WORKING TIME

Month: October 86
Name: Nurdin Achmad

Nationality: Indonesia

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
23,10,86	LCS	Final Review	
24,10,86	LCS	Conclusion of central workshop	\\ \text{fu}
		·	
	<del></del>		
		,	
		·	
		,,,	
***	ļ		
			-
			<u> </u>
——————————————————————————————————————	<u> </u>		

John Je

Month: September 86

Name: Môttaleb El Masry

Nationality: Egypt

Project: 1	JNIDO-Wo	rkshop
------------	----------	--------

Date	Dept.	Aktivities	Signature CL
1,9,86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt"-machine	1
2,9,86	ADA	Issuing of Safety measures/Introduction to maintenance dept./nitric acid plant	(B)
3,9,36	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	te
4,9,86	ADA	General orientation of Ammonia plant & nitric acid plant, discussion on process system	Zil.
5,9,86	ADA	Visit to Nitric Acid plant, discussion on process & maintenance of plant	æ_
6.9.86			
7,9,56	LCS	Study visit to Salt mine & facilities	,
8,9,86	HS	Safety measures in Chemie Linz & fire fighting , Study visit to Rosenbauer factory	
9,9.86	LCS	Study visit to Salzburg "Peat Fertilizer" field & plant	. , ,
10.9.86	нѕ	Slides on plant safety regulation, maintenance & repair of respiratory app., fire-extinguisher	1 12
11,9,86	СТР	Safety valves theory & maintenance of safety valves in central workshop	1 de
12.9.86	CTP	Safety valves & calculations/steam-vessel pressure testing	
13,9,86	LCS	Study visit to municipial administration of Linz	
14.9.86			
15.9.86	ADA	Visit to ammonia plant - discussion on problems	ACO
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17,9.86	СТН	Central workshop facilities, discussion on repairing problems	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
18.9.86	СТН	Central & field workshops, discussion on technicians promotion procedure, use of computer	/
19.9.86	LCS	Study visit to SHir Yard Linz	H
20.9.86			1,
21.9.86	LCS	Study visit to Silber-Mine and facilities	<u>L</u>
22,9,86	LCS	UNICO Head Quarter, Vienna - Mijterm Review	12

MEE masry\_

Chemserv

#### RECORD OF WORKING TIME

Month: September 86

Name: Mottaleb El Masry

Nationality: Egypt

Project: UNIDO-Workshop

)ate	Dept.	Aktivities	Signature CL
23,9,86	<del> </del>	Study visit to EBG and Thermal Power Station ESG	
24.9.86	ACA	Ammonia plant - discussion on problems	16.
25,9,86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	
26.9.86	1	Discussion about central workshop activities	J
27,9,86	1		
28,9,86			1,
29,9.86	СТР	Ammonia plant - discussion on various problems, introd. to material testing dept.	L.
30.9.86	ADA	Repair problems in ammonia plant	78
<del></del>			
	İ		
	<del></del>		
	<del> </del>		
	<del> </del>		
<del></del>			
	<del> </del>		<del></del>

MERMason

#### CHEMIE LINZ AG

Chemserv

# RECORD OF WORKING TIME

Month October 86

Name: Mottaleb El Mass

Nationality: Egypt

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	h
2.10.86	СВН	Discussion about urea plant and visit of plant	illu juli
3,10,86	ADA	Visit to the ammonia plant and discussions about the annual shut down repair	13
4,10,86		•	
5.10.86			1
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	K
7.10.86	LCS .	Study visit to Chemiefaser Lenzing, plastic factory	
8.10.86	GPW	Visit to Training Centre of Chemie Linz - training facilities	L. Alua
9.10.86	СВН	Visit to urea plant and general discussions about the maintenance problems	) Augu
10.10.86		Study visit to Munich	
11.10.86	LCS	Study visit to Munich	
12,10,86	,		
13, 10, 86	BRA	Works council - study visit to farm house	
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	
15.10.86	LCS	Study visit to ELIN, electrical manufacturing company	
16.10.86	СТР	Material testing, discussions about welding problems	1.
17.10.86	СТР	Material testing, discussions about welding problems	Fe
18.10.86	LCS	Study visit to Concentration Camp Mauthausen	H
19,10.86	1		
20,10,86	CTM	Mill wrights, high pressure equipment	مرس برسا
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	
22.10.86	CTM/CTE	Compressor maintenance system / Dynamic balancing	12m-

MElmasry\_

#### RECORD OF WORKING TIME

Month: October 86
Name Motteleb El Masry
Nationality: Egypt

Project: UNIDO-Workshop

ate	Dept.	Aktivities .		Signature CL
23,10,86	LCS	Final Review		7 /,
24,10,86	LCS	Conclusion of central workshop		
25.10.86	LCS	Study visit to diverse administrative departments		
26,10,86	LCS	Preparation of reports and assessment of the course		)
			•	•
			·	
l				·
		•		
			·	
			N <sub>e</sub>	

MECmasry.

#### RECORD OF WORKING TIME

Month: September 86

Name: Naguib El Matwall

Nationality: Egypt

Project: UNIDO-Workshop

)a te	Dept.	Aktivities	Signature CL
1,9,86	LCS	Introduction to Chemie Linz AG and una movie about "Polyfelt"-machine	
2,9,86	ADA	Issuing of Safety measures/Introduction to maintenance dept./nitric acid plant	
3,9,86	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	Z
4,9,86	ADA	General orientation of Ammonia plant & nitric acid plant, discussion on process system	Falled.
5.9.86	ADA	Visit to Nitric Acid plant, discussion on process & maintenance of plant	1 LACE
6.9.86			
7,9,86	LCS	Study visit to Salt mine & facilities	,
8.9.86	нѕ	Safety measures in Chemie Linz & fire fighting , Study visit to Rosenbauer factory	
9.9.86	LCS	Study visit to Salzburg "Peat Fertilizer" field & plant	/
10,9,86	HS	Slides on plant safety regulation, maintenance & repair of respiratory app., fire-extinguisher	s
11.9.86	CTP	Safety valves theory & maintenance of safety valves in central workshop	H
12,9,86	CTP	Safety valves & calculations/steam-vessel pressure testing	1
12,9,86	LCS	Study visit to municipial administration of Linz	1
14.9.86			<i>li</i> .
15.9.86	ADA	Visit to ammonia plant - discussion on problems	B/Kline
16,9,86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17.9.86	СТН	Central workshop facilities, discussion on repairing problems	
18.9.86	СТН	Central & field workshops, discussion on technicians promotion procedure, use of computer	) de
19.9.86	LCS	Study visit to SHip Yard Linz	
20.9.86		•	6
21,9,86	LCS	Study visit to Silber-Mine and facilities	te!
22.9.86	LCS	UNIOU Head Quarter, Vienna - Midterm Review	16

7. Dergui

Month: September 86
Name:Naguib El Metwalli
Nationality:

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
23.9.86	LCS	Study visit to EBG and Thermal Power Station ESG	1
24,9,86	ADA	Ammonia plant - discussion on problems	F/Elev'
25.9.86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	Ta
26,9,86	СТН	Discussion about central workshop activities	Le
27,9,86		•••	
23,9,86		•••	1.
29,9,86	CTP	Ammonia plant - discussion on various problems, introd. to material testing dept.	Kr.
30.9.86	ADA	Repair problems in ammonia plant	Tiller
		+	
*****			
	]		
	<u> </u>		
	!		
	<b> </b>		
	<u> </u>		
*******			
****			

M. Jargui 23,10/1986

#### CHEMIE LINZ AG

Chemserv

#### RECORD OF WORKING TIME

 $\circ$ 

Month: October 86

Name: Naguib El Metwall

Nationality: Egypt

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	L,
2.10.86	СВН	Discussion about urea plant and visit of plant	Volume
3.10.86	ADA	Visit to the ammonia plant and discussions about the annual shut down repair	Re
4.10.86		•	7
5.10.86			
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	14
7,10,86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	14.
8.10.86	GPW	Visit to Training Centre of Chemie Linz - training facilities	
9.10.86	СВН	Visit to urea plant and general discussions about the maintenance problems	J. Tun
10.10.86	LCS	Study visit to Munich	K
11.10.86	LCS	Study visit to Munich	1/4
12.10.86			
13,10,86	BRA	Works council - study visit to farm house	
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	
15, 10, 86	LCS	Study visit to ELIN, electrical manufacturing company	18 0
16,10,86	СТР	Material testing, discussions about welding problems	
17.10.86	СТР	Material testing, discussions about welding problems	$\rangle$
18,10,86	LCS	Study visit to Concentration Camp Mauthausen	<i>Y</i>
19,10,86			
20,10,86	CTM	Mill wrights, high pressure equipment	1, ,
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	M
22.10.86	CTM/CTE	Compressor maintenance system / Dynamic balancing	Dano-

Mayhil 23,10,1986

#### RECORD OF WORKING TIME

Month: October 86
Name: Naguib El Metwal

Nationality: Egypt

Project: UNIDO-Workshop

Pate	Dept.	Aktivities	Signature Cl
23.10.86	LCS	Final Review	<i>I</i>
24,10,86	LCS	Conclusion of central workshop	
25,10,86	LCS	Study visit to diverse administrative departments	), /4
26,10,86	LCS	Preparation of reports and assessment of the course	- Fr
	\ <u></u>		

M. Narguil

Month: September 86

Hamo: U. Sein Win

Nationality: Burms

Date	Dept.	Aktivities	Signature Cl
1,9,86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt" machine	Fi
2,9,86	ADA	Utilities, boiler feed water and maintenance problem solving	TEN
3.9.86	LCS	Study visit to Hydroelectric Power Station of Asten and St. Florian	
4.9.86	ADA	Explanation about ammonia, Nitric Acid plant	72)
5.9.86	ADA	Compressors, pumps of ammonia	(1)
6.9.86			/
7.9.86	LCS	Study visit to Salt mine & facilities	1/10
8.9.86	HS	Safety measures/ Study visist to Rosenbauer	6.4
9.9.86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	Fig
10.10.86	HS	Fire brigade respiratory apparates and study visit to Linz Fire Brigade training centre	1
11.9.86	CTP	Safety valves, steam boiler inspection	L.
12,9,86	CTP	Safety valve theory, calculation	170
13,9.86	LCS	Study visit to municipial administration of Linz	14
14.9.86			L
15,9,86	ADA	Explanation and studying in ammonia plant	182
16,9,86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17.9.86	СВН	Urea plant reciprocating compressor	) duri
18,9,86	СВН	CO2-compressor, bagging plant, melamine plant	1990
19,9,86	LCS	Study visit to Ship Yard Linz	4
20.9.86			/
21.9.86	LCS	Study visit to Silber-Mine and facilities	
22,9,86	LCS	UNIDO Head Quarter, Vienna - Midterm Review	

Month: September 86 Name: U. Sein Win Nationality: Burms

Date	Dept.	Aktivities	Signature CL
23,9,86	LCS	Study visit to EBG and Thermal Power Station ESG	fr.
24,9,86	ADA	Single train ammonia plant shut down maintenance system "	The state of
25.9.86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	-9°
26.9.86	СТН	Central workshop duties ·	<u> </u>
27,9,86			
28.9.86			
29.9.86	СТР	Material inspection department	
30.9.86	ADA	Single train ammonia plant shut-down maintenance system	The
of the State of th			
	1		
<del></del>	İ		
<del></del>	1		
	<u> </u>		
<del></del>			
<del></del>			



Month: October 86

Name: U. Sein Win

Nationality:Burma

Date	Dept.	Aktivities	Sighature C
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	THE .
2,10,86	CTP	Corrosion problem - material structure	Sch
3,10,86	CTA	Work-order processing	
4.10.86		•••	
5.10.86			,,
6.10.86	LCS	Study visit to Waste Water Treatment Plant AGTEN - SBL	H.
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	14.
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	iff.
9.10.86	CTP	Material inspection - non destructive tests	
10.10.86	į.	·	
11.10.85			
12.10.86			1/
13,10,86	BRA	Works council - Study visit to farm house	Hell
14,10,86	LCS	Study visit to OCHSNER, pumps manufacturing works	1 for
15,10,86	rcs	Study visit to ELIN, electrical manufacturing company	Cife
16,10,86	HS/GM	Supervisory centre and material administration	Var. id is
17,10,86	ADN	Nitric acid and calcium ammonium nitrate plant	+ the
18, 10, 86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacur	-
19.10.86			
20, 10, 86	СТМ	Mill wrights, high pressure equipment	1
21,10,86	LCS	Study visit to S & S manufacturer of electrical equipment	1
22,10,86	CTM/CTE	Compressor maintenance system / Dynamic balancing	bizuk_

CHEMIE LINZ AG

# RECORD OF WORKING TIME

Month: October 86
Name: U. Sein Win
Nationality: Burma

ate	Dept.	Aktivities	Signature Cl
23,10,86	LCS	Final Review	V .
24.10.86	LCS	Conclusion of central workshop	\ ( \\ \) \
25, 10, 86	LCS	Study visit to diverse administrative departments	
			·
		·	
		,	
			·
		·	
	***	```	
			, , , , , , , , , , , , , , , , , , , ,

Month: September 86

Name: U. Than Wai

Nationality: Burma

ate	Dept.	Aktivities	Signature CL
1,9,86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt" machine	
2.9.86	ADA	Utilities, boiler feed water and maintenance problem solving	
3.9.86	LCS	Study visit to Hydroelectric Power Station of Asten and St. Florian	
4.9.86	ADA	Explanation about ammonia, Nitric Acid plant ·	12/12/10
5.9.86	ADA	Compressors, pumps of ammonia	
6.9.86			
7.9.86	LCS	Study visit to Salt mine & facilities	,
8,9,86	HS	Safety measures/ Study visist to Rosenbauer	Juberger
9.9.86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	luberger
10.10.86	нѕ	Fire brigade respiratory apparates and study visit to Linz Fire Brigade training centre	L
11.9.86	CTP	Safety valves, steam boiler inspection	lie
12.9.86	CTP	Safety valve theory, calculation	Vic
13,9,86	LCS	Study visit to municipial administration of Linz	d L
14.9.86			7
15.9.86	ADA	Explanation and studying in ammonia plant	TOI
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	14/
17.9.86	СЭН	Urea plant reciprocating compressor	1 Shill
18,9,86	СВН	CO2-compressor, bagging plant, melamine plant	1 yours
19,9,86	LCS	Study visit to Ship Yard Linz	Le
20,9,86			6
21,9,86	LCS	Study visit to Silber-Mine and facilities	He,
2,9,86	LCS	UNIDO Head Quarter, Vienna - Midterm Review	U.S.

# CHEMIE LINZ AG

Chemserv

#### RECORD OF WORKING TIME

Month: September 86 Name: U. Than Wai Nationality: Burma

Project: UNIDO-Workshop

ate	Dept.	Aktivities	Signature C
23,9,86	LCS	Study visit to EBG and Thermal Power Station ESG	He
4.9.86	ADA	Single train ammonia plant shut down maintenance system	The same of the sa
25.9.86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	Fe
26.9.86	СТН	Central workshop duties	
27,9,86		•••	Ku
28.9.86		• • •	7.
29.9.86	СТР	Material inspection department	4
30,9,86	ADA	Single train ammonia plant shut-down maintenance system	F.
	İ		
	<del> </del>		
	<del>i</del>	•	
	<del> </del>	· · · · · · · · · · · · · · · · · · ·	
	<del> </del>		
	<del> </del>		
-	<del> </del>		
	<del>                                     </del>		1,502

Maria

Month:October 86 Name: U. Than Wai Nationality:Burma

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature C
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	
2.10.86	CTP	Corrosion problem - material structure	£
3.10,86	CTA	Work-order processing	1/2
4.10.86		•	
5.10.86		~~~	
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	H.
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	ill.
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	(1)
9.10.86	СТР	Material inspection - non destructive tests	
10.10.86	1		
11.10.86			
12.10.86		~~~	
13.10.86	BRA	Works council - Study visit to farm house	L.
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	14
15.10.86	LCS	Study visit to ELIN, electrical manufacturing company	E. G.
16.10.86	HS/GM	Supervisory centre and material administration	A.
17.10.86	ADN	Nitric acid and calcium ammonium nitrate plant	Rin
18.10.86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	
19.10.86		~	
20.10.86	CIM	Mill wrights, high pressure equipment	7
21,10.86	LCS	Study visit to S & S manufacturer of electrical equipment	. 4 .
22.10.86	CTM/CTE	Compressor maintenance system / Dynamic balancing	1- ham

Mary 10/86

# RECORD OF WORKING TIME

Month: October 86 Name: U. Than Wai Nationality: Burma

Project: UNIDO-Workshop

Date	Dept.	Aktivities	/Signature Cl
23.10.86	LCS	Final Review	14
24,10,86	LCS	Conclusion of central workshop	Ke
25.10.86	LCS	Study visit to diverse administrative departments	K
			C'
			· · · · · · · · · · · · · · · · · · ·
	<del></del>	<u> </u>	+
	<del></del>		
	<del></del>		
	i ———		+
	i <del></del>	<u> </u>	,
	,		<del>                                     </del>
	1		
	<u></u>	·	
_	<b></b>		
			<del></del>
			fai

Tham (Non

Month: September 86

Name: Necdet Sefer

Nationality: Turkey

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1,9,86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt"-machine	te
2,9,86	CTE	Meeting with elect.head to discuss organization of Electr. department	diame_
3,9,86	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	IL
4,9.86	CTE	Discussion about electr. maintenance procedure and electr. equipment in Ammonia-plant	2 Sotarra
5,9,86	CTE	Study visit "Polyfelt-Plant", discussions about electr. supply system	J
6.9.86			
7.9.86	LCS	Study visit to Salt mine & facilities	
8,9,86	нЅ	Safety Department of Chemie Linz AG; Study visit to Rosenbauer factory	L
9.9.86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	Suberger
10.9.86	нЅ	Two movies about safety and visit to the "Fire Brigade" of Linz City	He
11.9.86	CTE	Visit to new H.V. & L.V. rooms of Chemie Linz and electr. system for protection	1 Ham
12,9,86	CTE	Discussion about 110/6 KV-System and visit to 6 MW-Motor in Nitric Acid Plant	13,
13.9.86	LCS	Study visit to municipial administration of Linz	fi
14.9.86			
15.9.86	CTE	Electr. workshop of Electrical Power System of Austria	102me
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17,9,86	CTE	Discussion about motor testing techniques and fault analysing instrument for electr, system	10 2m
18,9,86	GMR/US	Visit to central inventory system and monitoring of power & pollution	
19.9.86	LCS	Study visit to Ship Yard Linz	suber Gr
20.9.86			Ce
21.9.86	LCS	Study visit to Silber-Mine and facilities	A.
22.9.86	LCS	UNIDO Head Quarter, Vienna - Midterm review	

27

#### RECORD OF WORKING TIME

Month: September 86

Name: Necdet Sefer

Nationality: Turkey

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
23.9.86	LCS	Study visit to EBG and Thermal Power Station ESG	- guberger
24,9,86	CTR	Instrumentation Workshop	8
25,9,86	LCS	Study visit to VOEST-ALPINE Steel Works and training centre	Au bir get
26,9,86	CTR	Discussion about fundamentals of transmitters	Jul Con go
27,9,86			
28,9,86			
29,9,86	CTE	Discussion about Motor Vibrations and Vibration measuring meters	1, Fitzm
30,9,86	CTR	Discussion about P, PI, PID controllers	th
		·	
<del></del>			
. —————			
· · · · · · · · · · · · · · · · · · ·	1		
	<del></del>	-	
	<del> </del>		
	1	· · · · · · · · · · · · · · · · · · ·	
	-		
	+		
	+		
	+		
	-		

2-11-7

# RECORD OF WORKING TIME

Month: October 86

Name: Needet Sefer

Nationality: Turkey

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	1 1 11 11 11
2.10.86	CTR	Discussion about computer control system FOXBORO in Chemia Linz	fact our got
3.10.86	CTA	Discussion about work order processing in Chemie Linz	4
4.10.86		•••	10
5.10.86		**	
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	1 A 1 6 1 1 2
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	- Choose de
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	Y
9.10.86	CTR	Discussion about computer control system of Foxboro	
10.10.86	LCS	Study visit to Munich	
11.10.86	LCS	Study visit to Munich	
12.10.86			1,
13.10.86	BRA	Works council - Study visit to farm house	4
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	Auberon
15, 10, 86	LCS	Study visit to ELIN, electrical manufacturing company	Auberge
16,10,86	CTE	Production plants CAN, H <sub>3</sub> PO <sub>3</sub> and testing of 6 kV motors	Jan-
17, 10, 86	CTE	Discussion about department organization and visit to stores of electr. department	
18.10.86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	. KUELRON
19.10.86			
20.10.86	CTR	Computer control system	h
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	Luber 12
22.10.86	CTR/CTE	Process control system / Dynamic balancing	(1)

27

#### RECORD OF WORKING TIME

Month: October 86
Name: Necdet Sefer
Nationality: Turkey

Project: UNIDO-Workshop

ate	Dept.	Aktivities		ßignature CL
23.10.86	LCS	Final Review		<i>H</i>
24,10,86	LCS	Conclusion of workshop in electrical department		17
				1 C
			•	
		<u> </u>		
		·		
		ļ · · · · · · · · · · · · · · · · · · ·		
	<del></del>			
	<del></del>		<del> </del>	
				•
<del></del>				
	<del></del>			
····				
			•	

27/

Month: September 86

Name: El Enany Mohd.Al:

Nationality: Egypt

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.9.86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt"-machine	
2,9,86	CTE	Meeting with elect.head to discuss organization of Electr. department	Į.
3,9,86	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	barn
4.9.86	CTE	Discussion about electr, maintenance procedure and electr, equipment in Ammonia-plant	
5.9.86	CTE	Study visit "Polyfelt-Plant", discussions about electr. supply system	
5,9,86			N
7.9,86	LCS	Study visit to Salt mine & facilities	H .
3,9,86	HS	Safety Department of Chemie Linz AG; Study visit to Rosenbauer factory	14
9,9,86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	
10.9.86	HS	Two movies about safety and visit to the "Fire Brigade" of Linz City	
11,9,86	CTE	Visit to new H.V. & L.V. rooms of Chemie Linz and electr. system for protection	Jan-
12.9,86	CTE	Discussion about 110/6 KV-System and visit to 6 MW-Motor in Nitric Acid Plant	
13.9.86	LCS	Study visit to municipial administration of Linz	
14,9,86			. Home
15.9.86	CTE	Electr. workshop of Electrical Power System of Austria	H
16,9,86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	, fozum
17.9.86	CTE	Discussion about motor testing techniques and fault analysing instrument for electr. system	4
18,9,86	GMR/US	Visit to central inventory system and monitoring of power & pollution	K
19.9.86	LCS	Study visit to Ship Yard Linz	
20.9.86			1
21,9,86	LCS	Study visit to Silber-Mine and facilities .	A.
22.9.86	LCS	UNIDO Head Quarter, Vienna - Midterm review	1

H. Elemy

Month: September 86
Name £1 Enany Mohd.Ali
Nationality: Egypt

Project: UNIDO-Workshop

ate	Dept.	Aktivities	,Signature (
23.9.86	LCS	Study visit to EBG and Thermal Power Station ESG	II.
24,9,86	CTR	Instrumentation Workshop	<u>[l'</u>
25,9,86	LCS	Study visit to VOEST-ALPINE Steel Works and training centre	jubengen
26.9.86	CTR	Discussion about fundamentals of transmitters	- John Janes
27,9,86			
28,9,86			
29,9,86	CTE	Discussion about Motor Vibrations and Vibration measuring meters	, W2mm
30,9,86	CTR	Discussion about P, PI, PID controllers	Vi.
			//
			·
<del></del>			
	1	•	
			•
			;

the Eleiny

Month: October 86 Name: El Eneny Ali

Nationality: Egypt

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	*
2.10.86	CTR	Discussion about computer control system FOXBORO in Chemie Linz	1/K
3.10.86	CTA	Discussion about work order processing in Chemie Linz	L
4.10.86		***	
5.10.86		***	
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	$\mathcal{L}$
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	10
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	
9,10,86	CTR	Discussion about computer control system of Foxboro	
10,10,86	LCS	Study visit to Munich	Autonom
11.10.86	LCS	Study visit to Munich	- Juniary and
12,10,86		•••	L
13,10,86	BRA	Works council - Study visit to farm house	Lu
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	
15,10,86	LCS	Study visit to ELIN, electrical manufacturing company	
16,10,86	CTE	Production plants CAN, H <sub>2</sub> PO <sub>2</sub> and testing of 6 kV motors	1 Si du
17.10.86	CTE	Discussion about department organization and visit to stores of electr. department	
18, 10, 86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	
19.10.86			
20.10.86	CTR	Computer control system	
21,10,86	LCS	Study visit to S & S manufacturer of electrical equipment	. suberqu
22.10.86	CTR/CTE	Process control system / Dynamic balancing	

M. Elenny

# RECORD OF WORKING TIME

Month: October 86 Name: El Enamy Ali

Nationality: Egypt

Project: UNIDO-Workshop

Pate	Dept.	Aktivities	Signature C
23.10.86	LCS	Final Review	W.
24.10.86	LCS	Conclusion of workshop in electrical department	1 Due
25.10.86	LCS	Study visit to diverse administrative departments	Ki.
26,10,86	LCS	Preparation of reports and assessment of the course	H.
		· · · · · · · · · · · · · · · · · · ·	,
···		·	
	<del></del>	·	
			<del></del>
			<del></del>
			_

the Element

Month: September 86

Name: Arshad Pervec

Nationality: Pakistan

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature CL
1.9.86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt"-machine	•
2,9,86	ADA	Issuing of Safety measures/Introduction to maintenance dept./nitric acid plant	D.
3,9.86	LCS	Study visit to Hydroelectric-Power-Station of Asten and St. Florian	
4,9,86	ADA	General orientation of Ammonia plant & nitric acid plant, discussion on process system	7
5.9.86	ADA	Visit to Nitric Acid plant, discussion on process & maintenance of plant	THE
6,9,86			
7,9,86	LCS	Study visit to Salt mine & facilities	) .
8,9.86	ЗН	Safety measures in Chemie Linz & fire fighting , Study visit to Rosenbauer factory	
9,9,86	LCS	Study visit to Salzburg "Peat Fertilizer" field & plant	
10,9,86	нѕ	Slides on plant safety regulation, maintenance & repair of respiratory app., fire-extinguishers	
11.9.86	СТР	Safety valves theory & maintenance of safety valves in central workshop	monger
12,9,86	СТР	Safety valves & calculations/steam-vessel pressure testing	
13.9.86	LCS	Study visit to municipial administration of Linz	
14.9.86			
15.9.86	ADA	Visit to ammonia plant - discussion on problems	A.
16,9,86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17.9.86	СТН	Central workshop facilities, discussion on repairing problems	( h
18.9.86	СТН	Central & field workshops, discussion on technicians promotion procedure, use of computer	Q
19,9.86	LCS	Study visit to SHip Yard Linz	
20.9.86			- T <sub>1</sub>
21.9.86	LCS	Study visit to Silber-Mine and facilities	H.
22.9.86	LCS	UNIDO Head Quarter, Vienna - MIdterm Review	fe :

Arshall Percell

Project: UNIDO-Workshop

Chemserv

#### RECORD OF WORKING TIME

Month: September 86

Name: Arshad Pervec

Nationality; Pakistan

Aktivities Signature CL Dept. Date 23,9,86 LCS Study visit to EBG and Thermal Power Station ESG ADA Ammonia plant - discussion on problems 24.9.86 Study visit to VOEST ALPINE Steel Works and training centre 25,9,86 LCS 26,9,86 CTH Discussion about central workshop activities: 27,9,86 28,9,86 ---29,9,86 CTP Ammonia plant - discussion on various problems, introd. to material testing dept. 30,9,86 Repair problems in ammonia plant ADA

Arsh-1 Perces

## RECORD OF WORKING TIME

Month: October 86

Name: Arshad Pervec

Nationality:Pakistan

Project: UNIDO-Workshop

ate	Dept.	Aktivities	Signature CL
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	Ji .
2.10.86	СВН	Discussion about urea plant and visit of plant	<i>\</i> /
3.10.86	ADA	Visit to the ammonia plant and discussions about the annual shut down repair	· P
4,10.86		•	
5.10.86	•		
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	Suburgen
7,10,86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	1: 8
8,10,65	GPW	Visit to Training Centre of Chemie Linz - training facilities	
9,10,86	СВН	Visit to urea plant and general discussions about the maintenance problems	
10,10,86	LCS	Study visit to Munich	A. hay a.
11.10.86	LCS	Study visit to Munich	Accorde
12.10.86			
13,10,86	BRA	Works counci' - study visit to farm house	Aubeka
14,10.86	LCS	Study visit to OCHSNER, pumps manufar ing works	1 200000
15,10,86	LCS	Study visit to ELIN, electrical manufacturing company	
16.10.86	СТР	Material testing, discussions about welding problems	PU
17,10,86	СТР	Material testing, discussions about welding problems	
18, 10, 86	LCS	Study visit to Concentration Camp Mauthausen	suberou
19,10.86			Suberger
20,10.86	CTM	Mill wrights, high pressure equipment	al and a second
21,10,86	LCS	Study visit to S & S manufacturer of electrical equipment	Juverege
22,10,86	CTM/CTE	Compressor maintenance system / Dynamic balancing	New-

1713616/12 men

### RECORD OF WORKING TIME

Month: October 86
Name: Arshad Pervec
Nationality: Pakista

Project: UNIDO-Workshop

ate	Dept.	Aktivities	/ Signature (
23.10.86	LCS	Final Review	<i>H</i> <sub>1</sub>
24,10,86	LCS	Conclusion of central workshop	au eer gir
		•	
		· ·	
		·	

Arherd Percer

Month:September 86 Name: Assf Yahyaoglu

Nationality:Turkey

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature C
19.9.86	LCS	Study visit to Ship Yard Linz	IL .
20.9,86			
21,9,86	LCS	Study visit to Silber-Mine and facilities	R
22,9,86	LCS	Administrative work with Chemserv .	Fry
23,9,86	LCS	Study visit to EBG and Thermal Power Station ESG	· Lu
24.9.86	ADA	Ammonia plant - discussion on problems	-What
25,9,86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	
26.9.86	СТН	Discussion about central workshop activities	1
27,9.86			
28,9,85			1,
29,9,86	СТР	Ammonia plant - discussion on various problems, introd. to material testing dept.	L
30,9,86	ADA	Repair problems in ammonia plant	R)
	<u> </u>		
		·	

traffayo

Chemserv

## RECORD OF WORKING TIME

Month: October 86

Name: Asaf Yahyaoglu

Nationality: Turkey

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature C
1,10,86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	
2.10.86	СВН	Discussion about urea plant and visit of plant	
3,10,86	ADA	Visit to the ammonia plant and discussions about the annual shut down repair	TE.
4,10,86		•	
5,10,86			
6.10.86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	du king.
7,10,86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	- all set go
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	
9.10.86	СВН	Visit to urea plant and general discussions about the maintenance problems	
10,10,86	LCS	Study visit to Munich	
11.10.86	LCS	Study visit to Munich	suongi
12,10,86			
13.10.86	BRA	Works council - study visit to farm house	n .
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	
15.10.86	LCS	Study visit to ELIN, electrical manufacturing company	Suberpe
16, 10, 86	CTP	Material testing, discussions about welding problems	
17.10.86	СТР	Material testing, discussions about welding problems	V
18.10.86	LCS	Study visit to Concentration Camp Mauthausen	
19,10,86			such
20.10.86	CTM	Mill wrights, high pressure equipment	
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	
22,10,86	CTM/CTE	Compressor maintenance system / Dynamic balancing	Nizw-

hapons

# RECORD OF WORKING TIME

Month: October 86 Name: Asaf Yahyaoglu Nationality: Turkey

Project: UNIDO-Workshop

ate	Dept.	Aktivities	Signature CL
23,10,86	LCS	Final Review	Le .
24.10.86	LCS	Conclusion of central workshop	1/L
25,10,86	LCS	Study visit to diverse administrative departments	He.
		· · · · · · · · · · · · · · · · · · ·	
		·	
			'
		•	

trafrage

Month:September 86

Name: Noegroho Wibowo

Nationality: Indone

Project: UNIDO-Workshop

Date	Dept.	Aktivities	, Signature C
1.9.86	LCS	Introduction to Chemie Linz AG and one movie about "Polyfelt" machine	1
2,0,86	ADA	Utilities, boiler feed water and maintenance problem solving	1/2/11/
3,9,86	LCS	Study visit to Hydroelectric Power Station of Asten and St. Florian	1
4,9,86	∆DA	Explanation about ammonia, Nitric Acid plant ·	Willish
5.9.86	ADA	Compressors, pumps of ammonia	177.15
6,9,86			
7.9.86	LCS	Study visit to Salt mine & facilities	
8,9,86	HS	Safety measures/ Study visist to Rosenbauer	Jubereus
9.9.86	LCS	Study visit to Salzburg "Peat Fertilizer" Field & Plant	-duber of
10.10.86	нѕ	Fire brigade respiratory apparates and study visit to Linz Fire Brigade training centre	1 1 8
11.9.86	CTP	Safety valves, steam boiler inspection	margo
12.9.86	СТР	Safety valve theory, calculation	
13,9,86	LCS	Study visit to municipial administration of Linz	
14.9.86			
15.9.86	ADA	Explanation and studying in ammonia plant	h/hill
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	
17,9,86	СВН	Urea plant reciprocating compressor	hus
18.9.86	СВН	CO <sub>2</sub> -compressor, bagging plant, melamine plant	Jump
19.9.86	LCS	Study visit to Ship Yard Linz	
20.9.86			1
21.9.86	LCS	Study visit to Silber-Mine and facilities	HZ
22.9.86	LCS	UNIDO Head Quarter, Vienna - Midterm Review	L

fasanko

# RECORD OF WORKING TIME

Month: September 86 Name: Noegroho Wibow

Nationality: Indone

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature
23,9,86	LCS	Study visit to EBG and Thermal Power Station ESG	suberge
24,9,86	ADA	Single train ammonia plant shut down maintenance system	Called
25,9,86	LCS	Study visit to VOEST ALPINE Steel Works and training centre	1-10
26,9,86	СТН	Central workshop duties ·	5.
27,9,86			
28,9,86			1
29,9,86	СТР	Material inspection department	L .
30,9,86	ADA	Single train ammonia plant shut-down maintenance system	TO-
······			
	<u> </u>		
	<del>                                     </del>		
	<u> </u>		
	<u> </u>		<del></del>
	<del></del>		
	<del> </del>		
<u>-</u>	<del></del>		
	<del> </del>		 <u> </u>

fromho

# RECORD OF WORKING TIME

Month: October 86

Name; Noegroho Wibowe

Nationality; Indone:

Project: UNIDO-Workshop

are	Dept.	Aktivities	Signature C
1.10.86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	uliter ie
2.10.86	CTP	Corrosion problem - material structure	(4
3.10.86	CTA	Work-order processing	Aubercur
4,10,86			9
5.10.86			
6,10,86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	Juberger
7.10.86	LCS	Study visit to Chemiefaser Lenzing, plastic factory	di il a
8,10,86	GPW	Visit to Training Centre of Chemie Linz - training facilities	Justingo
9,10,86	CTP	Material inspection - non destructive tests	
10.10.86	LCS	Study visit to Munich	dubero
11.10.86	LCS	Study visit to Munich	Janasek
12.10.86		•••	
13.10.86	BRA	Works council - Study visit to farm house	4
14.10.86	LCS	Study visit to OCHSNER, pumps manufacturing works	duter of
15.10.86	LCS	Study visit to ELIN, electrical manufacturing company	ora or p
16, 10, 86	HS/GM	Supervisory centre and material administration	sucure
17.10.86	ADN	Nitric acid and calcium ammonium nitrate plant	180
18, 10, 86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	suberg
19, 10, 86		•••	
20.10.86	CTM	Mill wrights, high pressure equipment	7
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	Musero
22.10.86	CTM/CTE	Compressor maintenance system / Dynamic balancing	War.

James

### RECORD OF WORKING TIME

Month: October 86
Name:Noegroho Wibowo

Nationality: Indonesia

Project: UNIDO-Workshop

Pate	Dept.	Aktivities	Signature CL
23,10,86	LCS	Final Review	superger
24,10,86	LCS	Conclusion of central workshop	Ca
			ļ
			· · · · · · · · · · · · · · · · · · ·
			<b></b>
		·	•
		·	
			<del> </del>
		<u> </u>	
			<del> </del>

faginhe

Chemserv

### RECORD OF WORKING TIME

Month: September 86

Name: Fayez Matouk

Nationality: Syris

Project: UNIDO-Workshop

ate	Dept.	Aktivities	fSignature C
8,9,86	нS	Safety Department of Chemie Linz AG; Study visit to Rosenbauer factory	YC .
9,9,86	LCS	Study visit to Salzburg "Peat Fertilizer" field & plant	Juberen
10,9,86	нѕ	Two movies about safety and visit to the "Fire Brigade" of Linz City	1
11.9.86	CTE	Visit to new H.V. & L.V. rooms of Chemie Linz and electr. system for protection	fizmar_
12.9.86	CTE	Discussion about 110/6 KV-System and visit to 6 MW-Motor in Nitric Acid Plant	d
13.9.85	LCS	Study visit to municipial administration of Linz	h
14.9.86		· '	
15.9 36	CTE	Electr. workshop of Electrical Power System of Austria	Dru-
16.9.86	LCS	Study visit to Steyr Bearing & Truck Manufacturing Co.	h
17.9.86	CTE	Discussion about motor testing techniques and fault analysing instrument for electr.system	1 202 m
18.9.86	GMR/US	Visit to central inventory system and monitoring of power & pollution	
19.9.86	l,CS	Study visit to Ship Yard Linz	L
20.9.86			
21.5.86	LCS	Study visit to Silber-Mine and facilities	H
22.9.86	LCS	UNIDO Head Quarter, Vienna - Midterm Review	1
23.9.86	LCS	Study visit to EBG and Thermal Power Station ESG	Kr
24,9,86	CTR	Instrumentation Workshop '	) •
25,9,86	LCS	Study visit to VOEST-ALPINE Steel Works and training centre	le
26,9,86	CTR	Discussion about fundamentals of transmitters	J
27.9.86			
28.9.86			<u></u>
29,9,86	CTE	Discussion about Motor Vibrations and Vibration measuring meters	2 Money
30.9.86	CTR ·	Discussion about P, PI, PID controllers	

4 Matouse

Month: October 86

Name: Fayez Matouk

Nationality; Syria

Project: UNIDO-Workshop

Date	Dept.	Aktivities	Signature C
1,10,86	LCS	Study visit to HOERBIGER, manufacturer of compressor valves, Vienna	- dulest Or
2.10.86	ста	Discussion about computer control system FOXBORO in Chemie Linz	Juneorgi
3,10,86	CTA	Discussion about work order processing in Chemie Linz	
4.10.86		•••	
5.10.86			11
6,10,86	LCS	Study visit to Waste Water Treatment Plant ASTEN - SBL	Jr.
7,10,86	LCS	Study visit to Cmemiefaser Lenzing, plastic factory	NA.
8.10.86	GPW	Visit to Training Centre of Chemie Linz - training facilities	,
9.10.86	CTR	Discussion about computer control system of Foxboro	
10,10,86	LCS	Study visit to Munich	L
11.10.86	LCS	Study visit to Munich	Ju.
12.10.86			<b>*</b>
13.10.86	BRA	Works council - Study visit to farm house	4
14,10,86	LCS	Study visit to OCHSNER, pumps manufacturing works	L.
15.10.86	LCS	Study visit to ELIN, electrical manufacturing company	He
16,10,86	CTE	Production plants CAN, $H_3PO_3$ and testing of 6 kV motors	( (2
17.10.86	CTE	Discussion about department organization and visit to stores of electr, department	1 Min
18.10.86	LCS	Study visit to Concentration Camp Mauthausen / Lauriacum	te
19.10.86			
20.10.86	CTR	Computer control system	K
21.10.86	LCS	Study visit to S & S manufacturer of electrical equipment	· H
22.10.86	CTR/CTE	Process control system / Dynamic balancing	H

F. Matouk

## RECORD OF WORKING TIME

Month: October 86 Name: Fayez Matouk Nationality: Syria

Project: UNIDO-Workshop

Date	Dept.	Aktivities	,	, Signature (
				Signature (
23,10,86	LCS	Final Review		1/
24,10,86	LCS	Conclusion of workshop in electrical department		1
				· · · · · · · · · · · · · · · · · · ·
·	<del></del>		•	
				···
		· ·		
			·	
				•
		•		
			٠	

F- Matank