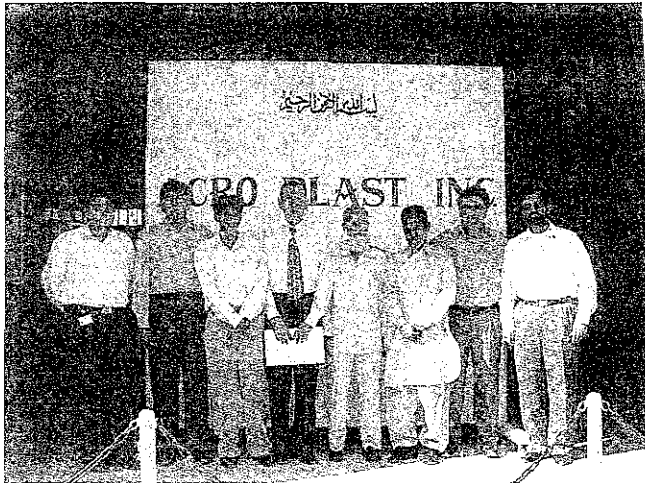
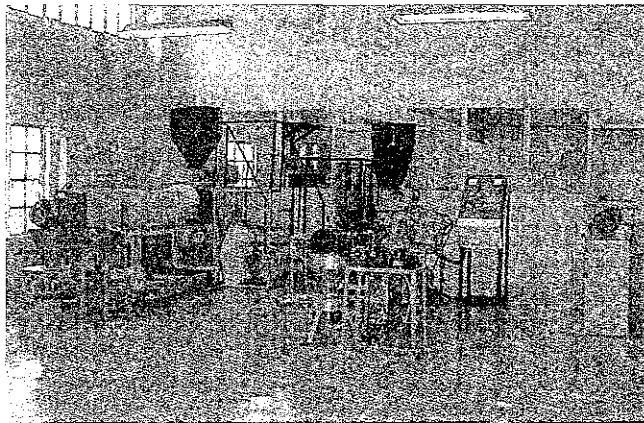
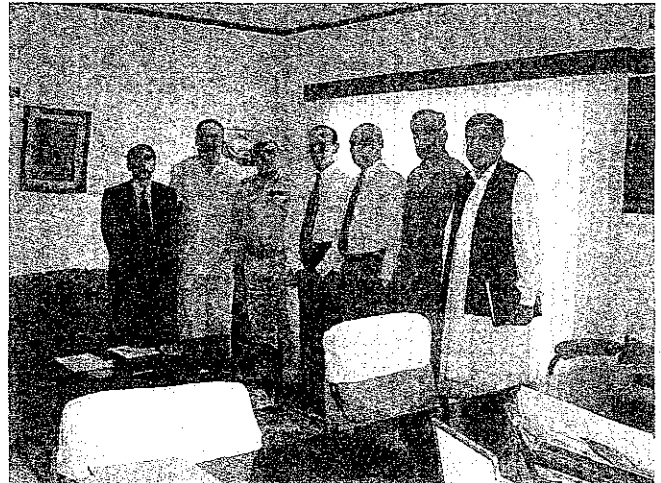


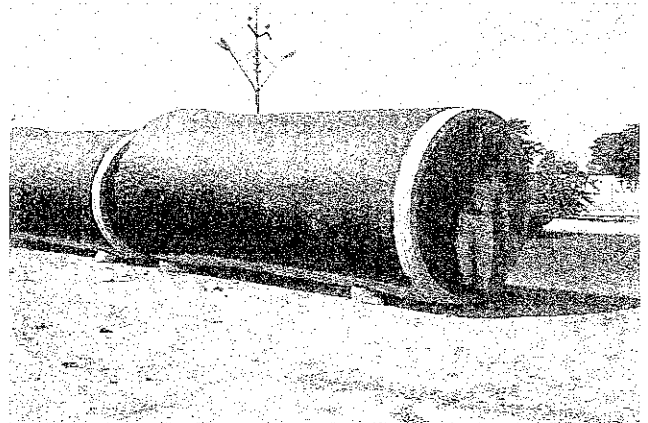
ACRO PLAST INC. 28/Nov./2002



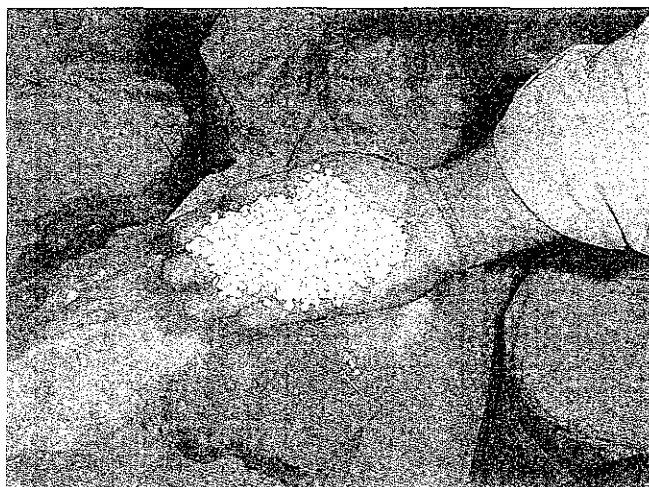
PAKISTAN DEFENCE OFFICERS
HOUSING AUTHORITY 28/Nov./2002



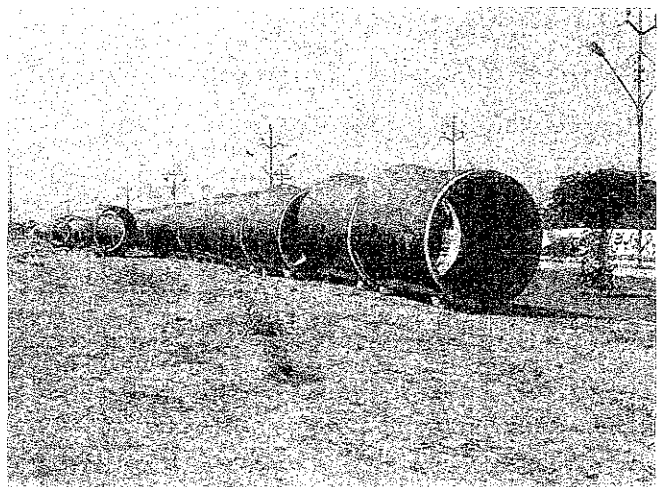
PVCペレット生産フロー



84インチコンクリート補強管(用途不明)



生産されたPVCペレット

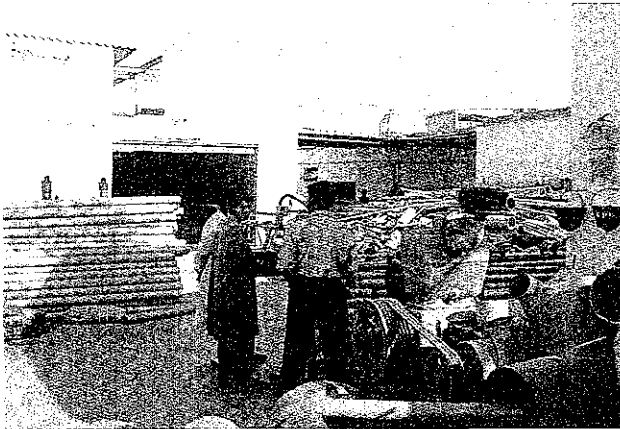


企業訪問記録:2002年11月28日

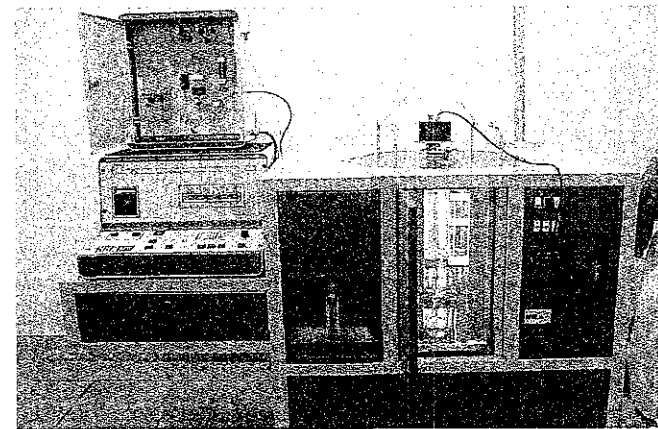
PRINCE u. PVC PIPE 29/Nov./2002



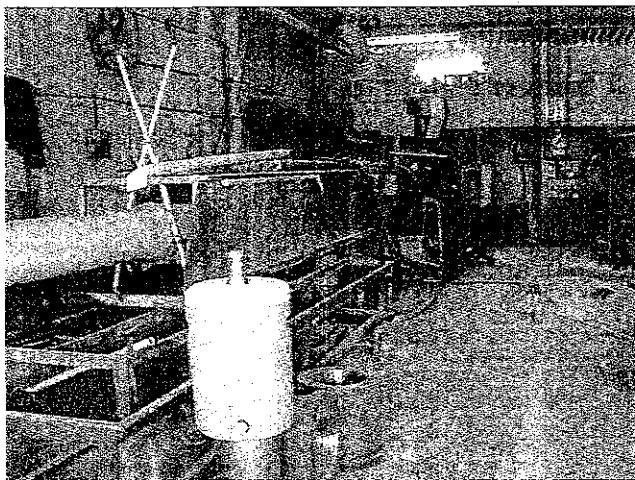
PCSIR 02/Dec./2002



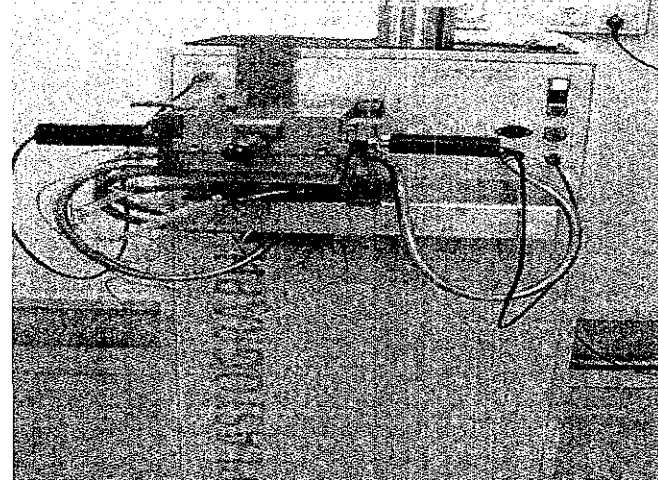
製品保管とスクラップ



手前:紫外線を用いた耐候特性評価装置



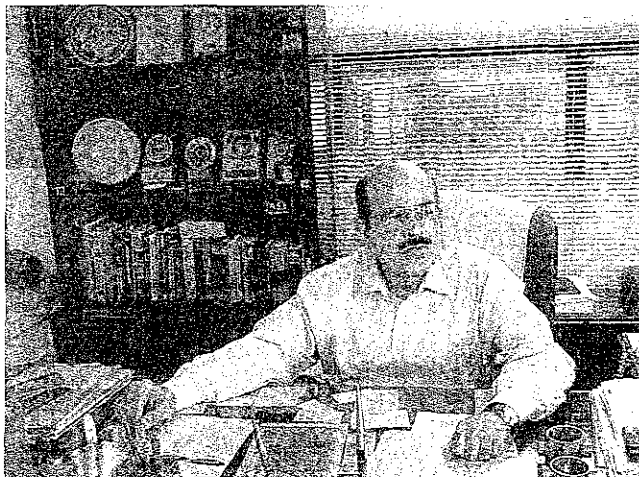
PVCパイプ押し出し成形ライン



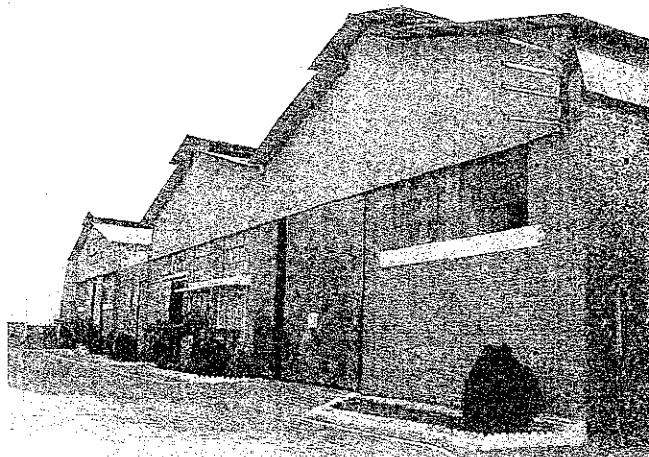
プラスチック加工プロセス解析にも有用な機器

企業訪問記録:2002年11月29日

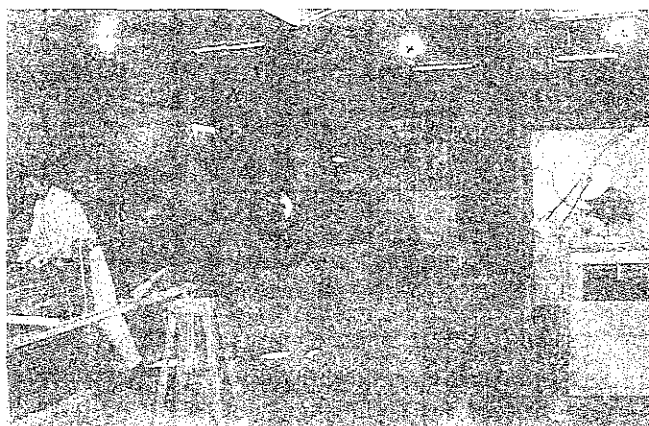
GALCO (Pvt.) LTD. 02/Dec./2002



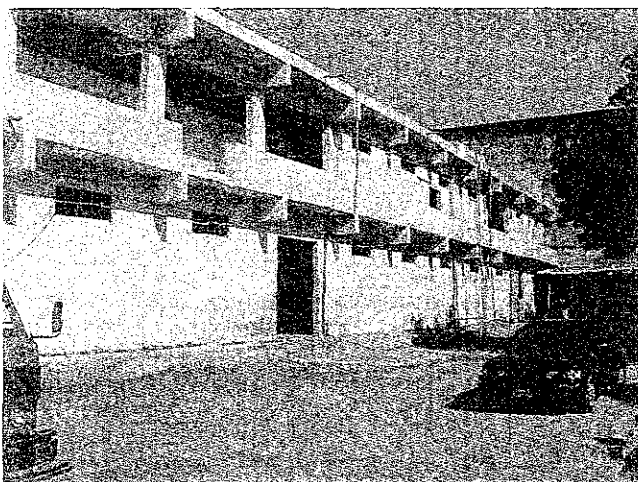
SHAFISONS ENG. LTD. 04/Dec./2002



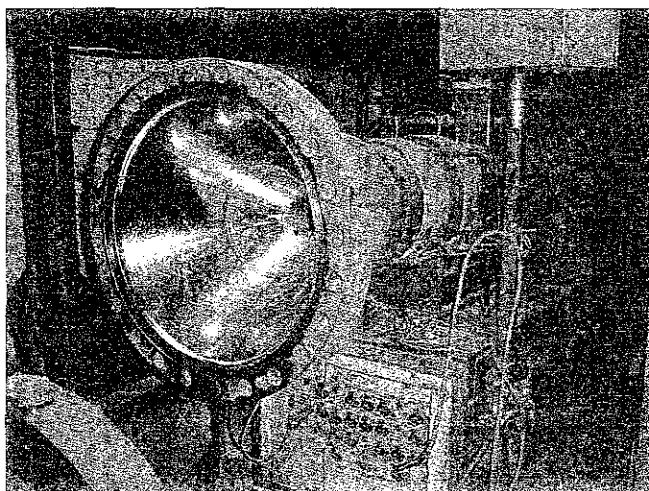
生産しているPVC継手類



PVCパイプ生産工場内部



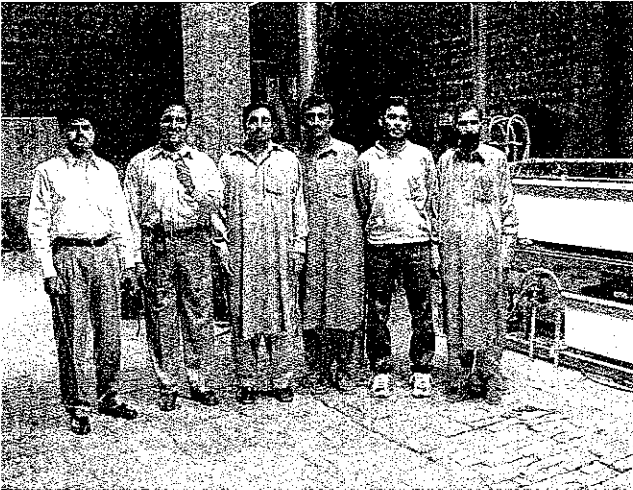
工場全景



24インチパイプまで可能な内製金型

企業訪問記録:2002年12月2日

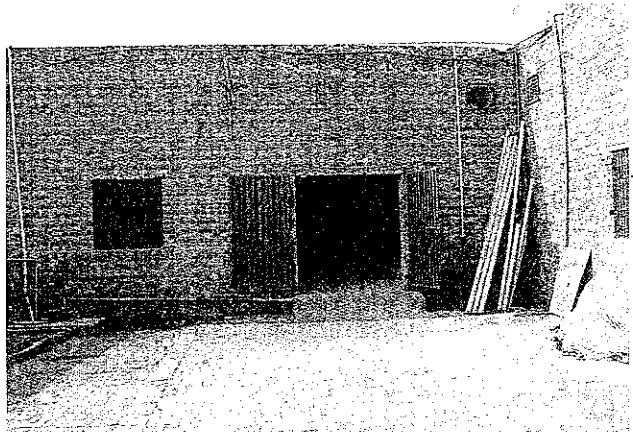
ASCO PLASTIC INDS. WORKS 04/Dec./2002



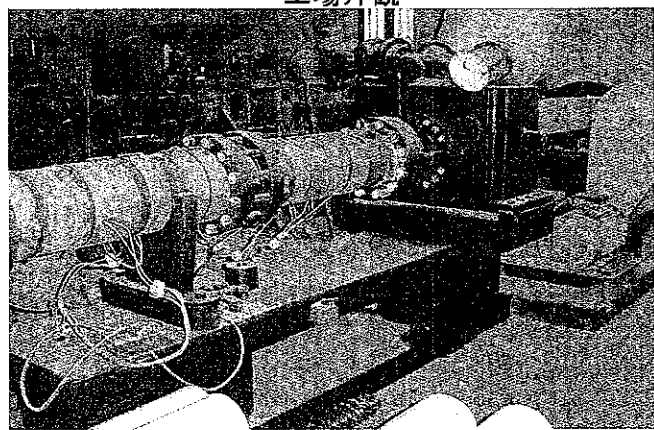
AL-RAAI PVC PIPE 05/Dec./2002



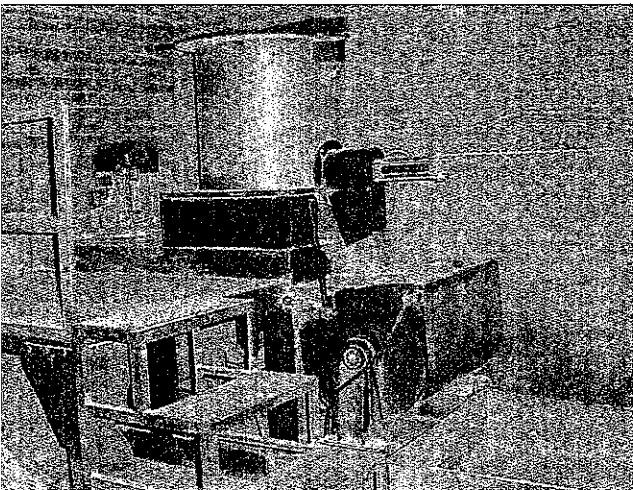
工場外観



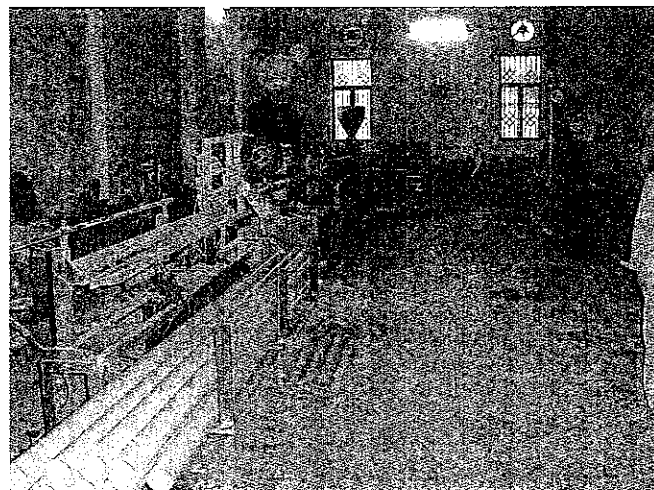
工場全景



内製のPVCパイプ押出し成形機



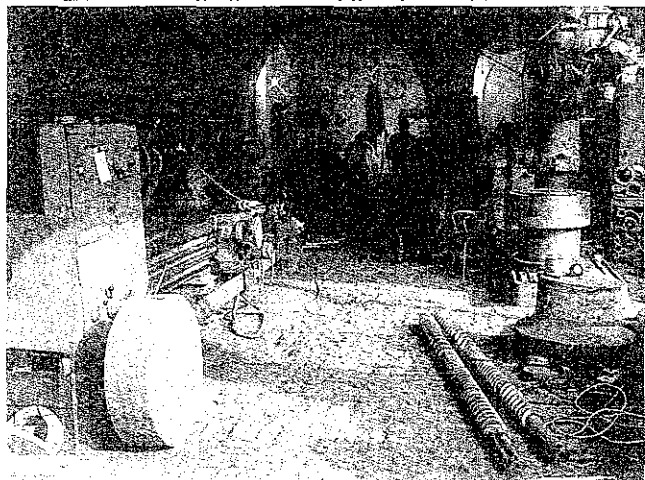
ミキサーと作業場



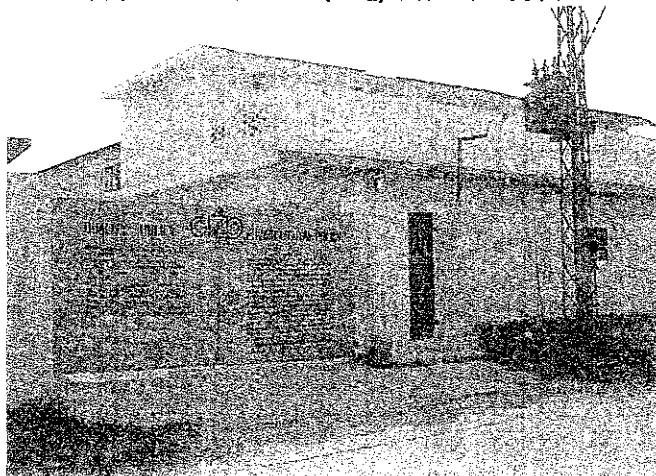
PVCパイプ生産工場内部

企業訪問記録: 2002年12月4日

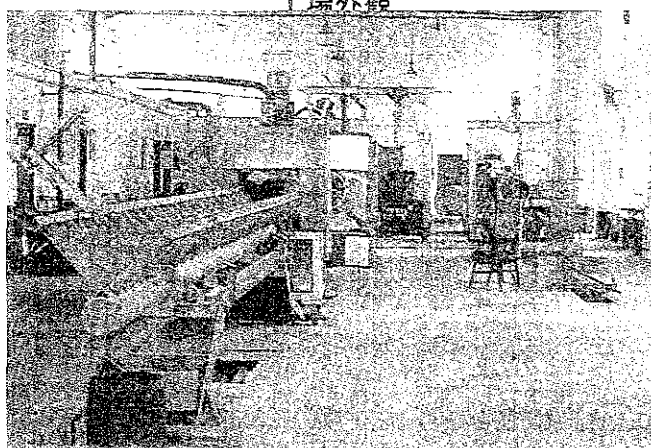
POLY TECH ENGINEERING 05/Dec./2002



AKBAR & ZIKRIA PIPES (Pvt.) Ltd.11/Dec./2002

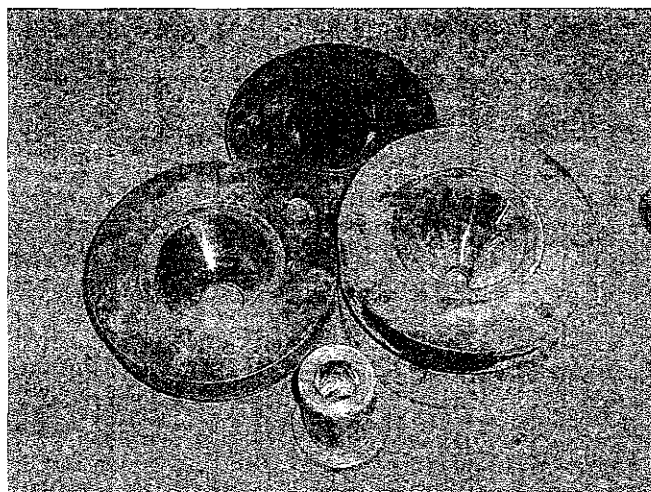


20インチ金型加工途中

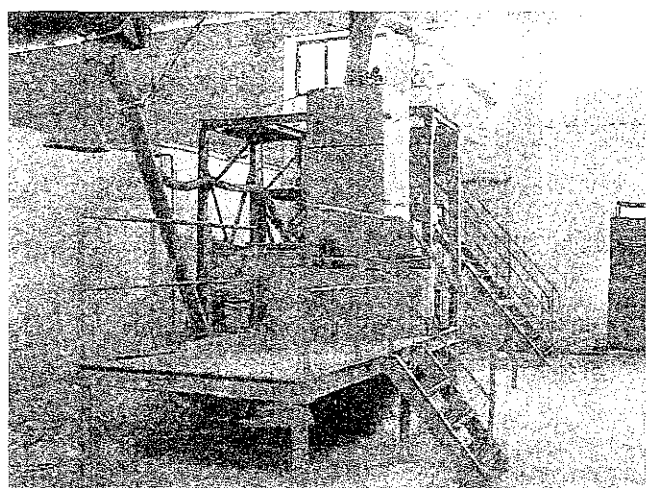


工場外観

工場内部、かなり自動化されている

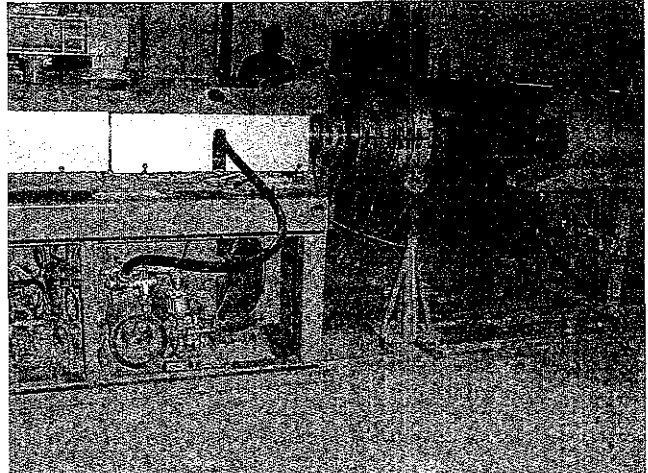
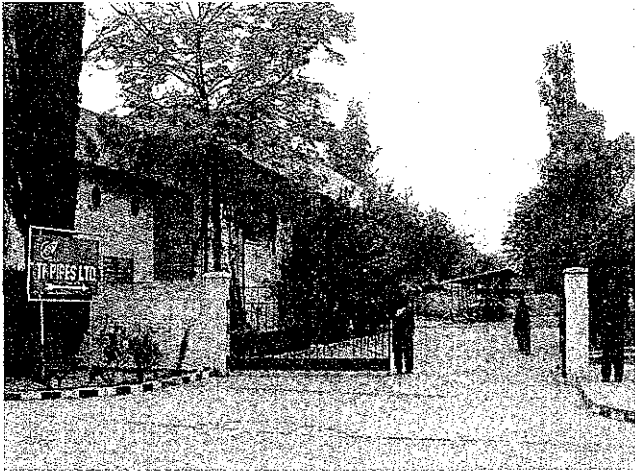


製作金型

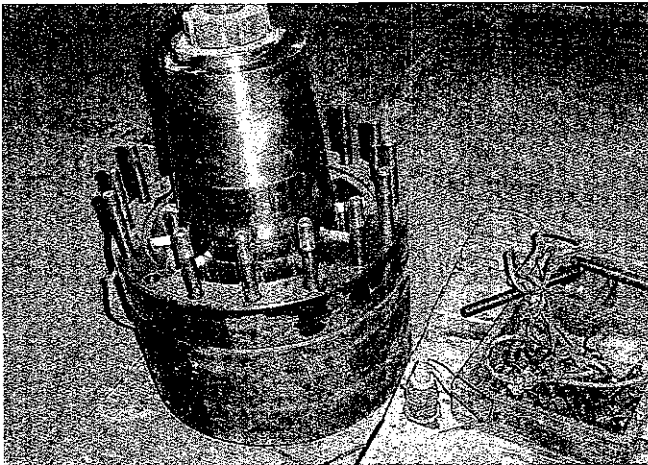
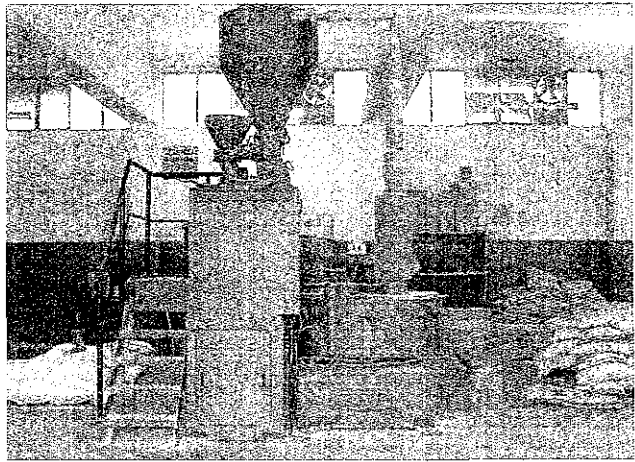


自動供給されるミキサー

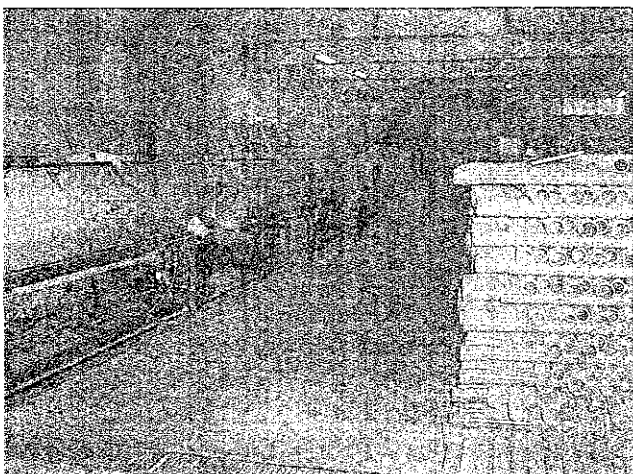
企業訪問記録:2002年12月5日



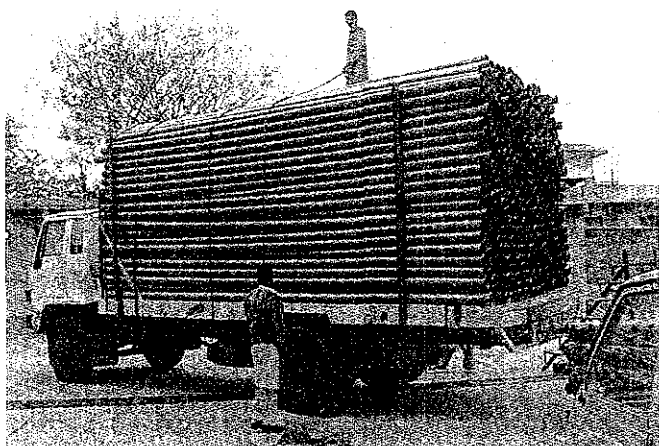
シンシナティ製押し機、3台保有



国産金型



工場内部、右のパイプはUNICEF向け



出荷状態

企業訪問記録: 2002年12月11日



PLASTICS TECHNOLOGY CENTRE

Sponsored by United Nations (UNDP/UNIDO) and Federal Chemical & Ceramics Corporation
Government of Pakistan, Ministry of Industries & Production



Certificate No. 152

Regn. No. CP-483/96

Certificate

This is to certify that Mr. Abdul Majid Khan Son / Daughter of Mr. Abdul Wahid Khan


has successfully completed the requirements of Plastics Technology Centre for
7th Basic Plastics Technology Certificate Course


in respect of attendance, study and practical training during the period

June - September, 1996

and obtained D Grade, Marks 129 out of 300

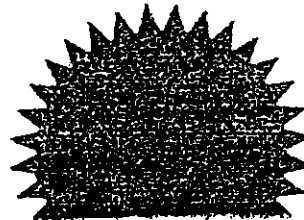
in the examination held in the month of September 16, 1996


Controller of Examination
(Syed Tahir Ali Shah)


General Manager
(Ahsan Siddiqi)

Endorsement by:


Secretary



October 3, 1996

LIST OF EXECUTIVES

S. NO.	NAME	DESIGNATION	GRADE	QUALIFICATION	DATE OF BIRTH	DATE OF JOINING
1	Mr Ansan Qasim Siddiqi		M-III	M.S., M. Univ	28.09.1950	12.02.77
2	Mr Ehsan Ashraf		E-V	B.Sc., B.E	16.08.1947	05.11.73
3	Sheikh Abdul Rahim		E-V	B.Sc., Chemical	05.03.1959	18.09.85
4	Mr. Arshad S. Faruqi		E-IV	M.E Chemical	04.11.1961	22.02.93
5	Mr Nadeem Ahmed		E-IV	B.Com ICMA Part III, Dip Computer Sc.	03.05.1964	07.10.84
6	Mr Saleem Baig		E-IV	B.Sc., Chemical	19.01.1955	17.10.88
7	Mr Zameer Ahmed Chughlai		E-IV	M.Sc (Tech)	14.04.1944	01.01.00
8	Mr Shabbir Ahmed		E-IV	College Diploma	29.08.1948	31.12.99
9	Mr Abdul Karim		E-IV	B.Com	01.06.1947	16.02.97
10	Mr Rehman Ali Khan		E-III	B.Sc., Chemical	16.06.1960	15.05.89
11	Mr Tariq Jamal		E-III	M.Sc., Chemistry	05.08.1968	01.12.91
12	Mr Fazal-ur-Rehman		E-II	B.Com, L.L.B	18.09.1970	02.05.90
13	Mr Iqees Baloch		E-II	B.Com	01.02.1966	01.07.91
14	Mr Yasser Jaffer		E-II	B.E Polymer Engg. UK	25.11.1973	01.01.00
15	Mr Zafar Khan		E-I	B.Com.	15.06.1966	01.07.91
16	Mr Mujeeb-ul-Hasan		E-I	B.Com.	24.01.1971	14.10.93
17	Mr Ghulam Ali		E-I	B.Sc.	16.04.1969	01.12.93
18	Mr Manboop Khan		J.O	Middle	01.07.1960	01.07.91
19	Mr Abdul Qayyum		J.O	Intermediate Computer Certificate	14.05.1966	20.06.93
20	Mr Amir Sultan		J.O	Intermediate	07.08.1971	01.10.94
21	Raja Zahoor Akhtar		J.O	Intermediate	15.05.1957	20.06.93
22	Mr Abdul Majid Khan		J.O	B.A., Computer Certificate	15.12.1971	01.07.95
23	Mr Shakirul Islam			Matric	06.01.1973	01.01.92
24	Mr Irfan Ahmed Hashmi			Intermediate	15.01.1973	01.06.96
25	Mr. Abdul Basit Khan			Intermediate	25.03.1973	01.12.95
26	Mr Abdul Rauf Irfan			Primary	18.04.1981	01.01.00
27	Mr Sajid Khan			Middle	20.06.1974	01.01.00
28	Mr Muhammad Javaid			Middle	01.07.1967	01.01.93
29	Mr Muhammad Aleem Khan			Primary	15.03.1961	01.07.91
30	Mr Muhammad Ashraf			Primary	01.07.1954	01.07.93
31	Mr Maqsood Khan			Primary	15.02.1965	01.01.93
32	Mr Muhammad Ismail Khan			Primary	01.07.1971	01.01.00
33	Mr Younus Masih			Primary	01.07.1953	01.07.92

収集資料リスト

パキスタン国「プラスチック技術センター拡充計画」予備調査

番号	資料名称	形態	種類	発行機関	発行年
1	Ten Year Perspective Development Plan 2001-11 and Three Year Development Programme 2001-04	報告書	コピー	Government of Pakistan Planning Commission	2001.01
2	Human Development in South Asia 2001	書籍	オリジナル	OXFORD	2002
3	Labor Force Survey 1999-2000	報告書	オリジナル	Federal Bureau of Statistics, Pakistan	2001.06
4	Statistical Pocket Book of Pakistan 2002	書籍	オリジナル	Federal Bureau of Statistics, Pakistan	2002.01
5	Digest of Industrial Sectors in Pakistan Plastic Sector Profile	報告書	コピー	Experts Advisory Cell Ministry of Industries and Production	2000.11
6	Digest of Industrial Sectors in Pakistan Automobile Sector Profile	報告書	コピー	Experts Advisory Cell Ministry of Industries and Production	2000.11
7	Digest of Industrial Sectors in Pakistan Electronics Sector Profile	報告書	コピー	Experts Advisory Cell Ministry of Industries and Production	2000.11
8	質問状の回答書	小冊子	コピー	Plastics Technology Centre	2002.11
9	Selected Profitable Plastic Industries	書籍	オリジナル	Small Industry Research Institute	—
10	Small Scale Industries	書籍	オリジナル	Small Industry Research Institute	—
11	PCSIR Laboratories Complex, Karachi	小冊子	オリジナル	Pakistan Council of Science and Industrial Research	2002.09
12	Department of Applied Chemistry & Chemical Technology Profile University of Karachi	小冊子	オリジナル	Karachi University Press	2002
13	Catalogue of Plastics Technology Centre	小冊子	オリジナル	Plastics Technology Centre	—

14	Prospectus of Plastics Technology Centre & Synthetic Fibre Development & Application Centre	小冊子	オリジナル	Government of Pakistan Ministry of Industries & Production	--
15	Prospectus of BTEC National Diploma Polymer Technology	小冊子	オリジナル	Plastics Technology Centre	--
16	Basic Plastics Technology Certificate Course	小冊子	オリジナル	Plastics Technology Centre	--
17	Pakistan Standard 3051/1991 Specification for Unplasticized Polyvinyl Chloride (uPVC)	報告書	コピー	Pakistan Institution	Standards 1991

JICA