



WATER SYSTEM REFERENCES

TELSTAR TECHNOLOGIES, S.A.
OFICINAS CENTRALES

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WATER SYSTEM REFERENCES

GENERATION AND DISTRIBUTION SYSTEMS FOR PURIFIED WATER, WATER FOR INJECTION AND PURE STEAM

ABLYNX	Belgium
ABBOTT LABORATORIES LIMITED	Kent,United Kingdom
ACME	Bangladesh
AFRIC - PHAR	Casablanca,Morocco
AI PROCESS SYSTEMS	North Yorks,United Kingdom
ALK ABELLO S.A	Spain
ALLERGY THERAPEUTICS	United Kingdom
ALMIRALL PRODEFARMA S.A	Spain
ALTER LABORATORIES	Madrid , Spain
AMERSHAM Plc	Gloucester,United Kingdom
AMERSHAM SORIN	Italy
AMO MANUFACTURING	Madrid , Spain
ANTICONCEPTIVOS ORALES	La Habana , Cuba
ANDROMACO	Chile
APDVANCE PHARM INDUSTRIES	Jordan
ASTELLAS	Kerry ,Ireland
ASTRAZENECA	Bristol ,United Kingdom
ASTRAZENECA	Macclesfield ,United Kingdom
ASTURPHARMA	Asturias , Spain
AVENTIS PHARMA	Madrid , Spain
AVENTIS PHARMA	El Cairo , Egipto
BASF LABIANA	Barcelona , Spain
BAYER	Madrid , Spain
BAYER	Barcelona , Spain
BAYER MEXICO	Mexico
BD	Drogheda,Ireland
BEIJING KAWIN BIOTECH	Beijing , China
BERNA BIOTECH	Spain
BIOCHEMI	Buenos Aires ,Argentina

WATER SYSTEM REFERENCES

BIOMED LUBLIN	Polland
BIO NET ASIA	Thailand
BIOPHARMA	Morocco
BIOSANO LABORATORIES	Chile
BIO-SIDUS S.A	Argentina
BIOTECHA UAB	Lithuania
BOEHRINGER INGELHEIM	Bracknell, United Kingdom
BOEHRINGER INGELHEIM	Barcelona ,Spain
THE BOOTS COMPANY LIMITED	Nottingham, United Kingdom
BOVIS LEND LEASE PHARMACEUTICAL	Loughborough, United Kingdom
BOVIS LEND LEASE	Harlow, United Kingdom
BOVIS LEND LEASE	Andover, United Kingdom
BOVIS TANVEC	Loughborough, United Kingdom
BOVIS TANVEC	Kent , United Kingdom
CALIER	León , Spain
CARDINAL HEALTH	Swindon, England
CCM	Seangor , Malaysia
CENTRE NAT.ENERGIE.SCIENCES ET TECHNIQUES NUCLEAIRES	Morocco
CIEMAT	Spain
CITOSTATICOS LA HABANA	La Habana , Cuba
COFARES	Madrid , Spain
COMBINO PHARM	Hal Far , Malta
CP GUOJIAN	Shanghai ,China
CRISTALIA	Itapira , Brazil
CRC CANCER RESEARCH	United Kingdom
CRUK	South Mims, England
CYANAMID IBERICA (WYETH GROUP)	Madrid , Spain
DABUR ONCOLOGY	
DAEWOONG PHARMACo,Ltd	Korea
DAROU PAKSH	Teheran , Iran

WATER SYSTEM REFERENCES

DIATER	Madrid , Spain
DONG-A-PHARMACEUTICAL Co.Ltd	Korea
DROGSAN PHARMACEUTICALS	Turkey
ELANCO VALQUIMICA (LILLY, S.A.)	Madrid , Spain
	Madrid , Spain
ERIOCHEM	Paraná , Argentina
EVANS VACCINES	Speke , England
FARMACIA MILITAR LABORATORIES	Cordoba , Spain
FARMAPEX	Vietnam
FEROZSONS	Rawalpindi , Pakistan
FERRER INTERNATIONAL	Barcelona , Spain
FISONS MEXICO	Mexico
FLUOR Ltd	Kent, England
FORT DODGE	Barcelona , Spain
FREESTEAD	Glasgow, Scotland
FREESTEAD	South Mims, England
GE AMERSHAM	Gloucester,United Kingdom
GENZYME	Maidstone,England
GERRARD LABS	Dublin,Ireland
GERRARD LABS	Merck,Ireland
GLAXO SMITHKLINE	Harlow, England
GP PHARM	Spain
GRIFOLS	Barcelona , Spain
GSK	Barnard Castle, England
GSK	Harlow, England
HIPRA LABORATORIES	Barcelona ,Spain
HOFFMAN LA ROCHE	Madrid , Spain
HONG KONG BRIGHT FUTURE	Hong Kong
HONG KONG INSTITUTE OF BIOTECH	Hong Kong
IBET-UP	Portugal
INDUSTRIAL VETERINARIA	Barcelona , Spain
INH RAFAEL RANGEL	Caracas , Venezuela

WATER SYSTEM REFERENCES

INTERVET (AZCO GROUP)	Salamanca , Spain
INSTITUTO DE BIOMEDICINA SEVILLA	Spain
INSTITUT PASTEUR	Algerie
INSTITUTO GRIFOLS	Spain
IONPURE	Madrid , Spain
IPSEN PHARMACEUTICALS Ltd	United Kingdom
IPSWICH HOSPITAL NHS TRUST	United Kingdom
KERN PHARMA S.L	Spain
KNOLL MADE	Madrid , Spain
KOREAN RED CROSS	Korea
KVAERNER E&C UK Limited	Kent , England
KYONGBO PHARMACEUTICAL Co.Ltd	Korea
LABINCA	Buenos Aires ,Argentina
LABORATORIOS INTERVET	México
LABORATORIOS JULIO TRIGO	Cuba
LABORATORIOS KENDRICK	México
LABORATORIOS QUIMICA SON'S	México
LABORATORIOS PISA S.A de C.V	México
LABORATORIOS SOPHIA S.A de C.V	México
LANSTAINER S.S de C.V	México
LEADERGENE	Shenzhen , China
LILLY INDUSTRIES	Belgium
LITRANS	Barcelona , Spain
LMB	Cambridge,England
L´OREAL	Mexico
MARS CONFECTIONERY	Slough, England
MEDDIMUNE	Holland
MEDI-TOX Inc	Korea
MEVET LABORATORIES	Lérida , Spain
MILLIPORE BIOPROCESSING	
MITIE	Alton,EEUU
MOLEKULER GORUNTULUME	Turkey

WATER SYSTEM REFERENCES

NATIONAL BIOTECH CENTRE	Liverpool, United Kingdom
NATIONAL ENGINEERING Co	Syria
NAZ MEDICAL	Malaysia
NIBRT	Ireland
NIBSC-NATIONAL INSTITUTE OF BIOLOGICAL STANDARDS AND CONTROL	United Kingdom
NORGINE	S.Wales
NOVARTIS VACCINES	Liverpool, United Kingdom
NOVOCHEM 2000 (BAYER GROUP)	Spain
OLYMPUS DIAGNOSTICS	Ireland
ORION PHARMACEUTICALS ,Ltd	Bangladesh
PDZ Ltd	Kent, England
PFIZER	Kent, England
PIERRE FABRE IBERICA S.A	Spain
PHARMA INTERNATIONAL	Jordan
PHARMASOL	Andover , England
PLANTA DE CITOSTATICOS	Cuba
POPULAR PHARMACEUTICALS,Ltd	Bangladesh
PRODESCA (L´ OREAL GROUP)	Argentina
PRODUCTOS FARMACEUTICOS S.A de C.V (CHINOIN)	México
PROJEN Plc	Holmes Chapel, England
PROMOPHARM S.A	Morocco
PROPHARMA	United Kingdom
QUIMICA FARMACEUTICA S.A	Paraguay
RAZES LABORATORIES (SAAP)	Argel , Algeria
RAZI	Teheran , Iran
RELIANCE	Mumbai,India
RENATA	Bangladesh
RHONE POULENC RORER	Madrid , Spain
RHONE POULENC RORER	Bogor , Indonesia
ROCHE - ROEMMERS	Buenos Aires , Argentina
SAIDAL	Constantine , Algeria

WATER SYSTEM REFERENCES

SAMEN PHARMACEUTICAL Co	Iran
SANDERSON	Chile
SANOFI – AVENTIS	Newcastle, United Kingdom
SANOFI – PASTEUR	France
SANOFI – SYNTHELABO MINSHENG	Hanzhou , China
SCHERING MEXICANA	México
SCHERING PLOUGH	Madrid
SCHERING PLOUGH MEXICO	México
SCHERING PLOUGH SINGAPORE	Singapore
SHANGAI WISON BIOENGINEERING	China
SHELKOVSKY BIOKOMBINAT	Russia
SHILED MEDICARE	Baglan, Wales
SEBER LABORATORIES	Portugal
SEVAC a.s	Republic Czech
SHEFERD ENGINEERING	Wiltshire, England
SERONO	Madrid , Spain
SINOVAC	Beijing , China
SKANSKA RASHLEIGH	Kent, England
WEATHERFOIL Ltd	Gerona , Spain
SOBRINO LABORATORIES	Madrid , Spain
SPANISH VETERINARY UNIVERSITY	Dhaka , Bangladesh
SQUARE	Taiwan
SUNMAX BIOTECHNOLOGY Co.Ltd	Madrid , Spain
SYNTEX (ROCHE GROUP)	Barcelona , Spain
SYNTON LABORATORIES	Faroe Islands
TAJUDURS APOTEK	Libreville , Gabón
TECNICAS NAVALES S.A	Spain
TEDEC MEIJI PHARMA	Runcorn , England
TEVA (formerly Ivax)	Ireland
TUCHENHAGEN	Slough , England
UCB	Cork, Ireland
UCC	Turkey
ULKAR KIMYA	

WATER SYSTEM REFERENCES

UPM

VALIO Ltd

VITA LABORATORIES

WRAFTON LABS

W.S.ATKINS

WYETH (AMERICAN HOME)

ZENCA FARMA

ZYMA FARMACEUTICA

Malaysia

Finland

Barcelona , Spain

Devon, England

Teeside , England

Madrid , Spain

Pontevedra , Spain

Barcelona , Spain

WATER SYSTEM REFERENCES

ABLYNX (Belgium) Year 2009

Purified water generation plant, by means of double reverse osmosis+ electrodeionisation, for an average consumption of 250 l./h. PW water storage tank for 1000 l. 4000 m. distribution loop.

ABBOTT LABORATORIES LIMITED (Queenborough,Kent) 2003-2004 Mr.Brian Kerrison (Project Manager)

Design,install and validate new Purified water storage and distribution system.PW storage tank for 4.000 l. 900 m distribution loop.

ABBOTT LABORATORIES LIMITED (Queenborough,Kent) 2004 Mr.John Thorne

Design,install and validate water for injection and purified water distribution system.Storage tank for 1.000 l.2 m distribution loop.

ABBOTT LABORATORIES LIMITED (Queenborough,Kent) 2005 Mr.Brian Kerrison

Design,install and validate new Hot water storage and distribution system.Storage tank for 2.000 l. 600 m distribution loop.

ACME (Bangladesh) Year 2009-2010

Purified water generation system of 2.000 l./h with pretreatment.by means of twin pass reverse osmosis + electrodeionizacion + ultrafiltration.

AFRIC - PHAR (Casablanca/Morocco) Year 2002/2003

USP 25 Purified water generation plant, by means of double reverse osmosis, for an average consumption of 400 l./h. PW water storage tank for 5.500 l. Double plate heat exchanger. 324 m. distribution loop.

AI PROCESS SYSTEMS (North Yorks) 2003 Mr.David Podmore (Project Manager)

Purified water storage and distribution system.PW storage tank for 20.000 l and 150 m distribution loop.

ALK ABELLO S.A (Spain) 2005

Pure steam generator of 300 kg/h.

ALMIRALL PRODEFARMA S.A (Spain) 2003

Pure steam generator of 50 kg/h.

ALLERGY THERAPEUTICS (United kingdom) Year 2010

Pre-treatment, Purified water generation plant, by means of reverse osmosis + electrodeionisation, for an average consumption of 1000 l./h. PW water storage tank for 2000 l. 200 m. distribution loop.

WATER SYSTEM REFERENCES

ALTER LABORATORIES (Madrid/Spain). Mr. Cortés (Engineering Manager).

Distilled water (W.F.I.) installation. 800 litres storage tank and distribution loop of 140 metres at 85°C controlled temperature.

AMERSHAM Plc (Gloucester) 2002 Mr.V.Watkins (Project Manager)

Extension of purified water system.

AMERSHAM SORIN (Italy) 2002

Electric pure steam generator of 75 kg/h.

AMO MANUFACTURING (Madrid/Spain). Year 2006

Purified water, generation and distribution plant.

ANTICONCEPTIVOS ORALES (La Habana/Cuba). Mr. Felipe Martinez (Manager).

USP 22 Purified water generation plant of 300 l/h and distribution loop 170 m long.

ANDRÓMACO (Chile). Mr. Peter Stüdeman (Production Manager).

USP 22 Purified water generation plant of 450 l/h and distribution loop 270 m long. WFI distillation unit of 90 l/h.

APDVANCE PHARM INDUSTRIES (Jordan) 2005-2006 Dr.Rakan (MD)

Water for injection ,pure steam generation,storage and distribution system.By means of reverse osmosis + electrodeionization + ultrafiltration for an average consumption of 1.000 l./h.WFI storage tank for 10.000 l. 1.000 m distribution loop.

ASTELLAS (Kerry,Ireland). 2009 Mr.John Courtney (Project Manager)

Purified water generation system of 2.000 l./h by means of reverse osmosis + electrodeionization. Ultrafiltration pretreatment.

ASTRAZENECA (Bristol) 2004

Supply of Purified water plant, of 1m³/h. ,Genesys model .This equipment is under the USP28/HPW EP (UF)

ASTRAZENECA (Macclesfield) 2001-2002 Ms.christine Haigh (Project Manager)

Purified water system of 7.000 l/h with ozone sanitization; by means of reverse osmosis + electrodeionization.PW storage tank for 8.000 l

ASTRAZENECA (Macclesfield) 2002 Mr.Simon Coldwell (Project Manager)

WATER SYSTEM REFERENCES

Purified water storage and distribution system. PW storage tank for 12.000 l and 260 m distribution loop.

ASTRAZENECA (Macclesfield) 2002 Mr. Huw Jones (Project Manager)

Design, installation and commissioning of purified water storage and distribution system with ozone sanitization. PW storage tank for 5.000 l and 300 m distribution loop.

ASTRAZENECA (Macclesfield) 2002 Mr. Simon Coldwell (Project Manager)

Design, installation and commissioning of CIP skid.

ASTRAZENECA (Macclesfield) 2003-2004 Mr. Richard Lloyd (Project Manager)

Purified water storage and distribution system. PW storage tank for 15.000 l and 280 m distribution loop.

ASTRAZENECA (Macclesfield) 2005 Mr. Kevin Whitehead (Project Manager)

New PW control system and upgrade of existing distribution system.

ASTRAZENECA (Macclesfield) 2005

Supply of purified water plant, Genesys model, of 3m³/h. Demineralised water

ASTRAZENECA (Avlon, nr Bristol) 2004-2005 Mr. Richard Cheesman (Project Manager)

Water for injection storage and distribution system. WFI storage tank of 5.000 l 200 m distribution loop

ASTURPHARMA (Asturias/Spain). Mr. Jose Luis Fernández (Production Manager).

Reverse Osmosis water treatment plant of 400 l/h. WFI generation unit of 180 l/h (Still). Pure steam generator of 400 Kg/h. Sterile Compressed Dry Air (CDA as per Federal standard) generation unit. USP 22 Purified water and water for injection (WFI) storage vessels. Distribution loops installation. Pure steam distribution loop. Sterile compressed dry air distribution installation. 1.000 m stainless steel AISI 316L orbital welded piping installations. Automatic superheated water sterilisation system.

Pure steam generator of 250 kg/h.

AVENTIS PHARMA (Madrid/Spain)

Demineralised water generation plant by reverse osmosis and electro-deionisation. USP 23 purified water storage tank and distribution loop of 650 metres at controlled temperature. Distilled water (WFI) distribution loop of 140 metres at 80°C controlled temperature. Automatic superheated water sterilisation system. Manual sterilisation system with pure steam. Pure steam generator of 400 Kg/h and distribution loop.

AVENTIS PHARMA (El Cairo/Egypt)

WATER SYSTEM REFERENCES

Pure water generation according USP 25 with a reverse osmosis plus electrodesionization plant. PW 5000 storage tank and 500 ml distribution loop according to GMP and ISPE. Sterilisation of loop by means of ozone generation. Heat exchanger for temperature control and sanitization during ozone system maintenance. TOC control of PW generation and distribution loop.

BASF LABIANA (Barcelona/Spain). Mr. Folch (Manager).

Ambient temperature demineralised water storage and distribution loop of 125 m.

BAYER (Madrid/Spain). Ms. Amelia Quijano (Manager).

Water for injection distribution loop 125m at 80°C.

BAYER (Barcelona/Spain). Mr. Coll (Engineering Manager).

Demineralised water distribution loop of 60m. Cleaning in Place installation.

BAYER MEXICO Ms. Angela Sontag (Engineering Dpt.).

USP XXII purified water and water for injection (WFI) storage vessels and distribution loops (2 loops of each) of 600m and 350m. Automatic superheated water sterilisation system. Demineralised water generation plant of 1.000 l/h capacity by ionic exchange columns. 10.000 litres storage capacity. Project execution, installation and qualification.

BD. BECTON DICKINSON (México) 2007

Pure steam generator of 500 kg/h.

BD (Drogheda,Ireland). 2007 Mr.Jim Woods (Engineering Manager)

Purified water generation system of 4.000 l./h. by means of reverse osmosis + electrodeionization.

BEIJING KAWIN BIOTECH (China). Year 2001. A Hepatitis Vaccine project. Purified water, water for injection and pure steam generation and distribution plant. Three distribution loops. Automatic superheated water sterilization system. Biowaste.

BERNA BIOTECH (Spain) 2004

Pure steam generator of 1.000 kg/h

BIOCHEMI (Chile). Year 2003

Purified water, water for injection and pure steam installations revamping.

BIOMED LUBLIN (Poland) 2009

Electric pure steam generator of 130 kg/h.

BIO NET ASIA (Thailand) 2007

WATER SYSTEM REFERENCES

Pure steam generator of 300 kg/h.

BIOPHARMA (Morocco) 2003

Pure steam generator of 750 kg/h.

BIOSANO LABORATORIES (Chile). Year 2001/2002.

Purified water, water for injection and pure steam generation and distribution plant. CIP / SIP system. Automatic control SCADA system (In touch). Automatic superheated water sterilization system.

Pure steam generator of 400 kg/h

BIO-SIDUS S.A (Argentina)

Pure steam generator of 1.000 kg/h.

BIOTECHA UAB (Lithuania) 2011

Purified water and water for injection storage and distribution systems.

CIP system.

Mobile CIP unit.

BOEHRINGER (Bracknell) 2003 Mr.C.Wilcher (Engineering Manager)

Extension of purified water system.

BOEHRINGER INGELHEIM (Bracknell) 2002-2003 Mr.C.Wilcher (Engineering Manager)

Replace POU valves

BOEHRINGER INGELHEIM (Bracknell) 2002-2003 Mr.D.Andrews (Project engineer)

Replace sample points

BOEHRINGER INGELHEIM (Bracknell) 2002-2003 Mr.D.Andrews (Project Manager)

Design and installation of process pipework on mixing and holding tanks serving Rommelag machines.

BOEHRINGER INGELHEIM (Barcelona). Mr. Capella. (Engineering Dpt.).

Design and installation of a distilled water (W.F.I.) distribution loop. 80°C temperature controlled.

Pure steam generator of 150 kg/h.

THE BOOTS COMPANY LIMITED (Nottingham) 2003 Mr.Peter Evans (Project Manager)

WATER SYSTEM REFERENCES

Purified water storage and distribution system.PW storage tank for 1.000 l and 250 m distribution loop.

THE BOOTS COMPANY LIMITED (Nottingham) 2004 Mr.Rob Tribe (Project Manager)

Purified water storage and distribution system.PW storage tank for 5.000 l. 800 m distribution loop.

BOVIS LEND LEASE PHARMACEUTICAL(Loughborough) 2002 Mr. M.Gibbs (Project engineer)

Installation of clean services to new liquid filling line.

BOVIS LEND LEASE (Harlow) 2002-2003 Mr. Chris Hault (Project Manager)

Purified water storage and distribution system.PW storage tank for 1.500 l.and 380 m distribution loop

BOVIS LEND LEASE (Andover) 2003-2004 Mr.Andy Turvill (Project Manager)

Design,install and comission new Water for injection storage and distribution system.Also PLC CIP system and waste line.WFI storage tank for 4.000 l. 100 m distribution loop.

BOVIS TANVEC (Loughborough) 2002-2003 Mr.Malcolm Gibbs (Project Manager)

Installation of clean services to new liquid filling line.

BOVIS TANVEC (Dartford,Kent) 2003-2004 Mr.Malcolm Gibbs (Project Manager)

Design,install and validate 3 new purified water storage and distribution system.PW storage tank for 5.000 and 3.000 l x2.3 m distribution loop.

BOVIS TANVEC (Dartford,Kent) 2004-2005 Mr.John Isherwood (Project Manager)

Design,install and validate new effluent kill tank system..Storage tank for 2x2.000 l.

CARDINAL HEALTH (Swindon) 2002-2003 Mr.Steve Harber (Project Manager)

Purified water generation plant to production building of 1.000 l/h., by means of double reverse osmosis + electrodeionization.PW storage tank for 5.000 l and 300 m distribution loop.

CCM (Seangor,Malaysia) 2007 Mr.Ainul Ali (Facilities Maintenance Manager)

Purified water generation systme by means of reverse osmosis + electrodeionization, for an average consumption of 1.000 l./h.PW storage tank for 5.000 l.300 m distribution loop.

CENTRE NAT.ENERGIE.SCIENCES ET TECHNIQUES NUCLEAIRES (Morocco) 2002

Electric pure steam generator of 32 kg/h.

CIEMAT (Spain) 2007

WATER SYSTEM REFERENCES

Electric pure steam generator of 129 kg/h.

CITOSTATICOS LA HABANA (CUBA). Year 2001.

Purified water, water for injection and pure steam generation and distribution plant. Automatic superheated water sterilisation system.

COFARES (Madrid/Spain)

Purified water (Generation and distribution) to produce antibiotics and hormones

COMBINO PHARM (Hal Far/Malta). Year 2005

Purified water, generation and distribution plant.

CP GUOJIAN (Shanghai/China). Year 2003

Purified water, water for injection and pure steam generation and distribution plant. Automatic superheated water sterilization system.

CRISTALIA (Itapira/Brazil). Year 2006

Purified water, water for injection and pure steam generation and distribution plant. Automatic superheated water sterilization system.

Pure steam generator of 1.750 kg/h plus 2.000 l/h destiller of 5 effects.

CRC CANCER RESEARCH (United Kingdom) 2008

Pure steam generator of 200 kg/h.

Electric pure steam generator of 86 kg/h. (2001)

Supply of Purified water plant of 0.5m³/h, Genesys model. This equipment is under USP31/EP.

CRUK (South Mimms, England) 2008-2009 Mr. Adrian Ward (Project Manager)

Purified water generation plant and clean steam system, by means of reverse osmosis + electrodeionization for 500 l./h. PW storage tank of 2.500 l. 200 m. distribution loop.

CYANAMID IBERICA (WYETH Group) (Madrid/Spain). Mr. Villoria (Engineering Manager).

USP 23 purified water generation plant of 800 l/h, by reverse osmosis and electrodeionization system. 10.000 litres storage vessel and a 220 m distribution loop at controlled temperature. Automatic superheated water sterilisation system. CIP generation and impulsion system, temperature conductivity and flow controlled by the operator. Cleaning process.

Pure steam generator of 250 kg/h.

DABUR ONCOLOGY 2006

Supply of Purified Water plant of 1.0m³/h, Genesys model. Still fed RO.

WATER SYSTEM REFERENCES

DAEWOONG PHARMA.Co.Ltd (Korea). 2006

Supply of Purified water plant of 5.0m³/h, Genesys model.This equipment is under USP29

DAROU PAKSH (Teherán/Iran). Year 2003

Purified water generation and distribution to produce generics and vaccines.

Distiller of 500 l/h with 3 effects

DIATER (Madrid/Spain). Mr. Jose Angel Lopez Ramos (Manager)

USP 23 Generation and distribution loop of purified water to pharmaceutical production. Pure steam generation and distribution net. One autoclave and one Freeze dryer Telstar.

Electric pure steam generator of 32 kg/h

DONG-A-PHARMACEUTICAL Co.Ltd (Korea) 2008

Pure steam generator of 500 kg/h.

DONG-A-PHARMACEUTICAL Co.Ltd (Korea) 2004

Pure steam generator of 250 kg/h

DROGSAN PHARMACEUTICALS (Turkey) 2007

Supply of Purified water plant of 2.0m³/h, Genesys model.This equipment is under the USP30/EP.

ELANCO VALQUIMICA (LILLY,S.A.) (Alcobendas/Madrid/Spain)

Pure water storage and distribution. PW water storage tank for 1.000 litres. Double tubular exchanger (DTS). 250 m. distribution loop

ERIOCHEM (Paraná/Argentina)

Pure water, water for injection and pure steam generation and distribution system

EVANS VACCINES (Speke) 2001-2002 Mr.Alyn Hine (Project engineer)

Design ,install and validate new purified water ,water for injection and softened water systems.60 m distribution loop

FARMACIA MILITAR LABORATORIES (Córdoba/Spain). Captain Sánchez (Managing Director).

Demineralized water generation plant by reverse osmosis system and distilled water generation plant. Distilled water (W.F.I.) distribution loop of 140 metres at 80°C controlled temperature. Automatic superheated water sterilization system.

WATER SYSTEM REFERENCES

FARMAPEX (Vietnam) 2009-2010 Mr.Tinh Tran (Plant Director)

Purified water generation plant by means of reverse osmosis + electrodeionization 2.000 l./h , water for injection and pure steam system. PW water storage tank of 6.000 l and WFI storage tank of 5.000 l. 500 m distribution loop.

Pure steam generator of 500 kg/h. And destiller of 2.000 l/h with 5 effects.

FEROZSONS (Rawalpindi/Pakistan)

Pure water: Generation, distribution and storage; Water for injection: Distribution and storage; Pure Steam: generation and distribution

Pure steam generator of 500 kg/h.

FERRER INTERNATIONAL (Barcelona/Spain). Mr. Arias (Engineering Manager).

Year 2.001. Water for injection distribution loop of 450 meters. Automatic superheated water sterilisation system.

Pure steam generator of 500 kg/h.

FISONS MEXICO (Mexico). Mr. Espinosa (Manager).

Distilled water (W.F.I.) storage and distribution loop of 110 metres at 80°C controlled temperature. Automatic superheated water sterilisation system.

FLUOR Ltd (Sandwich,Kent) 2003-2004 Mr.Phil Dick (Project Manager)

Purified water generation plant by means of double reverse osmosis + electrodeionization, for an average consumption of 10.000 l./h.PW storage tank for 1.500 l x2.300 m distribution loop.

FORT DODGE (Spain). Year 2001/2002.

Purified water generation and distribution plant. Automatic CIP system. Automatic superheated water sterilization system.

FORT DODGE VETERINARIA S.A (Spain) 2008

2 destiller of 1.250 l/hwith 4 effects.

Pure steam generator of 3.000 kg/h (2003)

Pure steam generator of 750 kg/h. (1994)

FREESTEAD (Glasgow) 2002 Mr.Toni Rickard (Project Manager)

Installation of pure steam and water for injection lines.Storage tank for 1.000 l and 50 m distribution loop.

FREESTEAD PROCESS TECHNOLOGY (Glasgow) 2002-2003 Mr.Toni Rickard (Managing director)

Installation of new special gas systems.

FREESTEAD (South Mims) 2003-2004 Mr.Toni Rickard (Managing director)

WATER SYSTEM REFERENCES

Design,install and insulate new pure steam system.

FREESTEAD (South Mims) 2003-2004 Mr.Toni Rickard (Managing director)

Design,install and commission WFI/PW and process gas lines.

GE Amersham (Gloucester) 2004

Supply of Purified water plant of 3m³/h. , Genesys model .This equipment is under the USP28/EP

GENZYME (Maidstone) 2005 Mr.John Collins (Project Manager)

Water for injection generation system of 100 l./h.By means of reverse osmosis + electrodeionization + ultrafiltration .WFI Storage for 1.500 l. 75 m distribution loop.

GERRARD LABS (Dublin,Ireland) 2004-2005 Mr.Cathal O'Brien (Project Manager)

Purified water generation ,storage and distribution system of 1.000 l./h. PW storage tank for 4.000 l. 300 m distribution loop.

GERRARD LABS (Merck,Ireland) 2004

Supply of Purified water plant of 800l/h. ,Genesys model.This equipment is under the USP29/EP.

GLAXO SMITHKLINE (Harlow) 2002-2003 Mr.P.Lappage (Project Manager)

Upgrade of Purified water generation system to increase capacity and allow for heat sanitization.

GP PHARM (Spain) 2004

Pure steam generator of 700 kg/h.

GRIFOLS (Barcelona/Spain). Mr. Carrilero (Technical DTP.).

USP 23 purified water distribution loop of 60 metres at ambient temperature.

Pure steam generator of 750 kg/h.

GSK (Barnard Castle/United Kingdom). Mr. John Loudon (Project Manager.).2010

Water for Injection distribution loops.20.000 litres storage tank.2 m distribution loop, by means of reverse osmosis + electrodeionization + ultrafiltration.

GSK (Barnard Castle/United Kingdom). Mr. Richard Paynter (Project Manager.). 2009 – 2010

Purified water generation plant of 6.000 l./h and distribution skids. By means of reverse osmosis + electrodeionization.PW storage tank of 20.000 litres.

WATER SYSTEM REFERENCES

GSK (Harlow) 2006

Supply of Purified water plant, Genesys model, of 0.2m³/h. This equipment is under the USP29/EP

GSK, RIXENSAART (Rixensaart, Belgium) 2006-2008 Ms. Caroline Peltier (Project Manager)

Clean utilities including controls.

HIPRA LABORATORIES (Spain). Year 2001.

Purified water generation plant of 800 l/h.

Pure steam generator of 1.500 kg/h (2006)

Pure steam generator of 1.500 kg/h (2001)

Pure steam generator of 1.500 kg/h (2000)

HOFFMAN LA ROCHE (Madrid/Spain). Mr. Herrera (Engineering Dpt.).

Demineralized water distribution loop of 180 metres at ambient temperature.

HONG KONG BRIGHT FUTURE (Hong Kong). Year 2003

Purified water generation and distribution to produce antibiotics syrups.

HONG KONG INSTITUTE OF BIOTECHNOLOGY (Hong Kong). Year 2003

Purified water, water for injections and pure steam generation and distribution for blood purification.

IBET-UP (Portugal) 2005

Pure steam generator of 150 kg/h.

INDUSTRIAL VETERINARIA (Esplugues de Llobregat/Barcelona/Spain). Mr. Jesús Moreno.

Generation and product transfer system. With five process reactors with impulsion pumps, process filters, to produce injection penicilanic, injection non penicilanic and oral solutions.

Generation and distribution of industrial steam for general services.

Pure steam generator of 500 kg/h.

INH RAFAEL RANGEL (Caracas/Venezuela). Year 2006

Purified water, water for injection and pure steam generation and distribution plant. Automatic superheated water sterilization system.

Pure steam generator of 1.500 kg/h.

Pure steam generator of 300 kg/h.

Destiller of 500 l/h with 4 effects.

Destiller of 3000 l/h with 5 effects

WATER SYSTEM REFERENCES

INSTITUTO DE BIOMEDICINA SEVILLA (Spain) 2009

Electric pure steam generator of 97 kg/h.

INTERVET (AKZO Group). (Salamanca/Spain). Mr. Rafael Sánchez (Engineering Manager).

USP 23 purified water installation. 10.000 litres storage tank and distribution loop of 490 metres. Distilled water (W.F.I.) installation. 3.000 litres storage tank and distribution loop of 350 metres at 85°C controlled temperature. Automatic superheated water sterilisation system. Pure steam generation unit and a distribution loop of 600 metres. Automatic CIP / SIP cleaning and sterilizing in place installations.

INSTITUTE PASTEUR (Algeria) 2003

2 units of electric pure steam generator of 43 kg/h

INSTITUTO GRIFOLS (Spain) 2003

Pure steam generator of 750 kg/h.

IONPURE S.A(Madrid/Spain).

Distilled water (W.F.I.) installation. 3.000 litres storage tank and distribution loop of 200 metres at 85°C controlled temperature. Automatic superheated water sterilization system.

IPSEN PHARMACEUTICALS Ltd (UK) 2005

Electric pure steam generator of 86 kg/h.

IPSWICH HOSPITAL NHS TRUST (Ipswich) 2002 Mr.Eamonn Lee-Barrett (Facilities Manager)

Water for injection system of 100 l./h including RO feed water; by means of reverse osmosis + electrodeionization + ultrafiltration. WFI storage tank for 1.000 l and 80 m distribution loop.

KERN PHARMA S.L (Spain) 2000

Electric pure steam generator of 32 kg/h.

KNOLL MADE (BASF Group). (Madrid/Spain). Mr. Jose Luis Moral (Industrial Manager).

Demineralized water storage and distribution loop of 150 metres at controlled temperature. Automatic pure steam sterilization system.

KOREAN RED CROSS (Korea) 2005

Pure steam generator of 500 kg/h.

KVAERNER E&C UK Limited (Dartford,Kent) 2002 Mr.Rob Tubb (Project Manager)

Full turnkey Purified water systems with PVDF distribution line.

WATER SYSTEM REFERENCES

KYONGBO PHARMACEUTICAL Co.Ltd (Korea) 2008

Pure steam generator of 300 kg/h

LABINCA (Argentina). Year 2000.

Purified water, water for injection and pure steam generation and distribution plant.

LABORATORIOS INTERVET (México) 2007

Pure steam generator of 1.500 kg/h.

LABORATORIOS JULIO TRIGO (Cuba) 2005

Pure steam generator of 100 kg/h plus condensate unit of 100 l/h

LABORATORIOS KENDRICK (México) 2007

Destiller of 500 l/h with 3 effects.

LABORATORIOS QUIMICA SON'S (México) 2010

Pure steam generator of 300 kg/h plus condensate unit of 100 l/h.

Pure steam generator of 300 kg/h (2005)

LABORATORIOS PISA S.A de C.V (México) 2007

Pure steam generator of 1.500 kg/h and pure steam generator of 500 kg/h.

Destiller of 12.000 l/h with 7 effects.

LABORATORIOS PISA S.A de C.V (México) 2011

Pure steam generator of 1.000 kg/h.

2 units of Destiller of 12.000 l/h with 7 effects.

LABORATORIOS SOPHIA S.A de C.V (México) 2005

2 units of Pure steam generator of 500 kg/h and destiller of 1.250 l/h with 5 effects

LANSTAINER S.S de C.V (México) 2003

Pure steam generator of 400 kg/h plus condensate unit of 100 l/h.

LEADERGENE. (China 2001).

Pig growth hormones Plant, which includes a Water Generation and Distribution system and a Biowaste system.

WATER SYSTEM REFERENCES

LILLY INDUSTRIES (Belgium) 2005 Mr.M.Nortier (Project Manager)

Purified water generation plant by means of reverse osmosis + electrodeionization, for an average consumption of 1.800 l./h.PW storage tank for 1.500 l. 150 m distribution loop.

LILLY INDUSTRIES (Belgium) 2005

Supply of Purified water plant, Genesys model, of 1.1m³/h.This equipment is under USP29/EP.

LITRANS (Palafolls de Llobregat/Barcelona/Spain). Mr. Félix Peñarrubia (Manager).

Industrial steam generation to general services. Pure steam generator and pure steam distribution net of 78 m. Generation and distribution of WFI, with a distribution loop of 182 m. CIP System, to equipment and transfer product lines.

Pure steam generator of 250 kg/h plus condensate unit of 100 l/h.

LMB (Cambridge,United Kingdom). 2010/2011. Mr.Kevin James (Project Manager)

Purified water generation plant by means of double reverse osmosis + electrodeionisation.Degasser system.For an average consumption of 2.000 l./h.PW water storage tank for 8.000 l.

L'OREAL (Mexico). 2001/2002.

Purified water generation plant of 7m³/h.

MARS CONFECTIONERY (Slough) 2002 Mr.J.Jakuviec (Project engineer)

Replacement of brine pipework.

MARS CONFECTIONERY (Slough) 2002 Mr.J.Jakuviec (Project engineer)

Installation of brine system.

MEDDIMUNE (Nijmegen,Holland) 2007 Mr.Paul Anderson (Project Manager)

Purified water generation and water for injection system.by means of reverse osmosis + electrodeionization + ultrafiltration.PW and WFI storage tank for 5.000 l./h and 3.000 l./h.300 m distribution loop.

MEDI-TOX Inc (Korea) 2009

Pure steam generator of 300 kg/h plus condensate unit of 100 l/h.

MEVET LABORATORIES (Lérida/Spain). Ms. Pilar Burgues (Plant Manager).

Demineralised water distribution loop of 220 metres at controlled temperature of 25 / 80°C.

MILLIPORE BIOPROCESSING 2006

Supply of Purified water plant of 0.4m³/h, Genesys model .This equipment is under USP29/EP (UF)

WATER SYSTEM REFERENCES

MITIE (Alton) 2003-2004 Mr. John Condon (Project Manager)

Design, install and commission all process and utility pipework systems for production suite. 100 m distribution loop.

MOLEKULER GORUNTULUME (Turkey) 2009

Electric pure steam generator of 54 kg/h plus condensate unit of 50 l/h

NATIONAL BIOTECH CENTRE (Liverpool) 2004

Supply of Purified water plant of 2 x 300l/h. ,Genesys model. This equipment is under the USP28/HPW EP (UF).

NATIONAL ENGINEERING Co (Syria) 2005

Pure steam generator of 200 kg/h and destiller of 500 l/h with 3 effects.

NAZ MEDICAL (Malaysia) 2009-2010 Mr. BY Heu (Project Manager)

Purified water generation plant by means of double reverse osmosis + electrodeionisation. Of 2.000 l./h and distribution skid. PW tank storage of 25.000 litres.

NIBRT (Ireland) 2009

Pure steam generator of 250 kg/h

NIBSC-NATIONAL INSTITUTE OF BIOLOGICAL STANDARDS AND CONTROL (UK) 2005

Pure steam generator of 500 kg/h

NORGINE (Wales) 2005

Supply of Purified water plant of 0.2m³/h. Genesys model . This equipment is under the USP29/EP.

NOVARTIS VACCINES (Liverpool) 2004

Supply of Purified water plant of 12 m³/h. Genesys model. This equipment is under the USP28/EP.

NOVOCHEM 2.000 (Bayer Group) (Spain). Year 2001.

Temperature controlled Purified Water distribution loop, 900 meters length, automatic sanitation system at 85°C.

OLYMPUS DIAGNOSTICS (Ireland) 2003 Mr. Joe Brooks (Production Engineer)

Manufacture CIP skids.

WATER SYSTEM REFERENCES

ORION PHARMACEUTICALS ,Ltd (Bangladesh) 2003

Pure steam generator of 1.500 kg/h.

PDZ Ltd (Sandwich ,Kent) 2003 Mr.Richard Wacher (Project Manager)

Supply and installation of new site wide purified water distribution system.3 loops and 450 m distribution loop.

PFIZER (Sandwich, Kent) 2006-2007 Mr.Carl Chapman (Procurement)

Process pipework system

PFIZER (Sandwich, Kent) 2006-2008 Mr.Carl Chapman (Procurement)

Process pipework system

PFIZER (Sandwich, United Kingdom) 2009-2010

Utility modifications.

PIERRE FABRE IBERICA S.A (Spain) 2005

Pure steam generator of 200 kg/h.

Destiller of 500 l/h with 3 effects.

Electric pure steam generator of 21 kg/h

PHARMA INTERNATIONAL (Jordan) 2009

Destiller of 250 l/h with 3 effects

PHARMASOL (Andover) 2003 Mr.T.Cadd (Project Manager)

Installation of new PW distribution line.

PLANTA DE CITOSTATICOS (Cuba) 2001

Pure steam generator of 100 kg/h

POPULAR PHARMACEUTICALS,Ltd (Bangladesh) 2004

3 units of 100 kg/h pure steam generators.

PRODESCA (L'OREAL Group). (Argentina). Mr. Gabriel Rostchild (Production Manager).

Demineralised water generation plant of 2.000 l/h and two distribution loops of 360 and 160 metres at controlled temperature. Automatic sterilisation system at 80°C.

PRODUCTOS FARMACEUTICOS S.A de C.V (CHINOIN) (México) 2000

Electric pure steam generator of 54 kg/h.

WATER SYSTEM REFERENCES

PROJEN Pic (Holmes chapel) 2002-2003 Mr.Tony Lea (Engineering Manager)

Upgrade of existing HFA system feeding inhalation suite.

PROMOPHARM S.A (Morocco) 2001

Pure steam generator of 100 kg/h.

PROPHARMA (UK) 2004

Pure steam generator of 250 kg/h plus condensate unit of 100 l/h.

Pure steam generator of 100 kg/h plus condensate unit of 50 l/h. (2001)

QUIMICA FARMACEUTICA S.A (Paraguay 2006)

Destiller of 250 l/h with 3 effects.

RAZES LABORATORIES (SAAP) (Algeria). Year 2005

Purified water, water for injections and pure steam generation and distribution to produce liquids, Injectables and serums.

1.250 kg/h Pure steam generator and 2 destillers of 1.250 l/h with 4 effects.

RAZI (Teheran/Iran). Year 2003

Purified water, water for injections and pure steam generation and distribution to produce vaccines

Pure steam generator of 300 kg/h. and pure steam generator of 500 kg/h plus condensate unit of 200 l/h (2004)

Pure steam generator of 100 kg/h and pure steam generator of 1.000 kg/h plus condensate unit of 200 l/h

RELIANCE (Mumbai,India) 2006-2007 Mr.Vinay Ranade (CEO)

Process pipework system

RENATA (Bangladesh) 2009-2010 Mr.Razib Hasan (Project Manager)

Purified water generation system of 500 l./h by means of reverse osmosis + electrodeionization. With pretreatment and distribution panel.

RHONE POULENC RORER (Madrid/Spain). Mr. Delgado (Engineering Manager).

Demineralized water generation plant by reverse osmosis and electrodesionization. USP 23 purified water storage tank and distribution loop of 650 metres at controlled temperature. Distilled water (W.F.I.) distribution loop of 140 metres at 80°C controlled temperature. Automatic superheated water sterilisation system. Manual sterilisation system with pure steam. Pure steam generator of 400 Kg/h and distribution loop.

WATER SYSTEM REFERENCES

RHONE POULENC RORER (Bogor/Indonesia). Julio Varela (Operation Director).

Demineralised water generation plant by reverse osmosis and electrodesionization of 450 l/h. USP 23 purified water storage tank and distribution loop of 450 metres at controlled temperature. Automatic sterilisation system. Distilled water storage and distribution loop of 190 metres at 80°C controlled temperature. Automatic sterilisation system. Project execution, installation and qualification.

ROCHE - ROEMMERS (Argentina). Mr. Fiore (Technical manager).

Purified water production plant according USP 23 by double reverse osmosis, with a production of 6.000 l/h. Water for injection generation according USP 23, by distillation and 150 l/h. Two purified water distribution loop, controlled temperature and automatic sterilisation system 800 and 300 m. One water for injection distribution loop, controlled temperature of 250 m.

Pure steam generator of 70 kg/h plus condensate unit.

ROCHE - SYNTEX (Spain) 1994

Electric pure steam generator of 27 kg/h.

SAIDAL (Algeria)

Water for injection distribution loop (210 m.) controlled temperature and maximum consume of 5.730 l/h). Store tank of 5.000 l. Pure steam distribution net. Compressed sterile air distribution net

SAMEN PHARMACEUTICAL Co (Iran)

Pure steam generator of 100 kg/h.

SANDERSON (Chile). Mr. Rafael Echevarría (Managing Director).

Demineralised water storage tank and distribution loop of 180 metres and W.F.I. distribution loop of 190 metres at 85°C controlled temperature.

SANOFI-AVENTIS (Newcastle) 2005

Supply of Purified water plant , Genesys model , of 4m³/h.Thsi equipment is under USP29/EP.

SANOFI-PASTEUR (France) 2011

Electric Pure Steam Generator of 250 Kg/h.

SANOFI – SYNTHELABO MINSHENG (Hanzhou/China)

Complete purified water system

SCHERING MEXICANA (México) 1993

WATER SYSTEM REFERENCES

Pure steam generator of 250 kg/h.

SCHERING PLOUGH (Madrid). Mr. Ayala (Manager).

Distilled water storage and distribution loop of 400 metres at controlled temperature of 80°C.

Pure steam generator of 150 kg/h.

SCHERING PLOUGH MEXICO (Mexico). Mr. Mönster (Manager).

Demineralized water storage and distribution loop of 300 metres at controlled temperature. Distilled water distribution loop of 120 metres at 80°C controlled temperature. Automatic superheated water sterilisation system.

SCHERING PLOUGH (Singapore) 2008 – 2009 Mr.Tajinder Singh (Project Manager)

High purity water generation system by means of reverse osmosis + electrodeionization + ultrafiltration; for an average consumption of 6.000 l./h. PW storage tank of 20.000 l and 150 m distribution loop. Supply of Purified water plant of 5.0m³/h, Genesys model. This equipment is under the USP31/EP (UF)

SHANGAI WISON BIOENGINEERING (China) 2005

2.000 l/h distiller of 5 effects.

SHELKOVSKY BOKOMBINAT (Russia). 2011

Distiller of 3.000 l/h with 5 effects.

Pure steam generator of 1.000 kg/h

Water for Injection storage tank of 11.000 l.

SHILED MEDICARE (Baglan, S Wales) 2007-2008 Mr.Dennis O'Keffe (Production Manager)

Purified Water generation plant and Water for Injection system, by means of reverse osmosis + electrodeionization + ultrafiltration, for an average consumption of 1.000 l./h. Storage tank for 10.000 l. 100 m distribution loop.

SEBER LABORATORIES (Portugal).

Demineralised water distribution loop of 190 metres at controlled temperature 20 / 85°C. Automatic superheated water sterilisation system.

SEVAC a.s (Republic Czeck) 1998

Pure steam generator of 750 kg/h

SHEPHERD ENGINEERING (Wiltshire) 2004 Mr.Chris Barnes (Project Manager)

Install a new hastelloy containment drain system.

WATER SYSTEM REFERENCES

SERONO (Madrid/Spain). Mr. Camba (Managing Director).

Purified water storage and distribution loop of 300 metres at controlled temperature. Automatic superheated water sterilisation system. Automatic pure steam filters sterilisation system.

Pure steam generator of 750 kg/h.

SINOVAC (Beijing/China)

Purified water, water for injection and pure steam generation and distribution plant. Three distribution loops. Automatic superheated water sterilization system.

Pure steam generator of 500 kg/h.

SKANSKA RASHLEIGH WEATHERFOIL Ltd (Dartford,Kent) 2002 Mr.R.Goddard (Project Engineer)

Purified water system of 100 l/h to new production building, by means of double reverse osmosis + electrodeionization.PW storage tank for 1.500 l and 100 m distribution loop.

SOBRINO LABORATORIES (Gerona/Spain). Sr. Jornet (Plant Manager).

Distilled water (W.F.I.) distribution loop of 40 metres at 80°C controlled temperature and Demineralized water distribution loop of 200 metres. Automatic sterilisation system with pure steam. Pure steam generation system and piping installation.

SPANISH VETERINARY UNIVERSITY (Madrid/Spain). Year 2003

Purified water, water for injection and pure steam generation and distribution plant. P-3 laboratory. Biowaste. Vaccine production

SQUARE (Dhaka/Bangladesh). Year 2003

Purified water, water for injection and pure steam generation and distribution plant to produce final form cephalosporine.

Pure steam generator of 300 kg/h and 500 l/h destiller of 3 effects. (2007)

Pure steam generator of 500 kg/h plus condensate unit of 300 l/h (2006)

Pure steam generator of 500 kg/h plus condensate unit of 300 l/h (2005)

Destiller 300 l/h of 3 effects and 500 kg/h pure steam generator (2003)

SUNMAX BIOTECHNOLOGY Co.Ltd (Taiwan) 2002

Pure steam generator of 100 kg/h.

SYNTEX LATINO (ROCHE Group) Mr. Jack Zarour (Project Manager).

Purified water 10.000 litres storage tank and distribution loop of 700 metres at 20 / 80°C controlled temperature.

WATER SYSTEM REFERENCES

Distilled water 2.000 litres storage capacity and a W.F.I. distribution loop of 200 metres at 80°C controlled temperature. Automatic 121°C superheated water sterilisation system of both loops.

SYNTHON LABORATORIES (Spain). Year 2001. Purified water, water for injection and pure steam generation and distribution plant. Automatic control by SCADA system (In touch). Automatic superheated water sterilisation system.

Pure steam generator of 400 kg/h (2000)

SYNTHON LABORATORIES (Spain). Year 2001. Purified water, water for injection and pure steam generation and distribution plant. Automatic control by SCADA system (In touch). Automatic superheated water sterilisation system.

TAJUDURS APOTEK (Faroe Islands) 2009 Mr.Soren Andersen (Project Manager)

Purified water generation plant,by means of double osmosis + electrodeionization, for an average consumption of 500 l./h. PW storage tank for 1.000 litres and 150 m distribution loop.

Pure steam generator of 300 kg/h

TECNICAS NAVALES, S.A. (Libreville/Gabon)

Generation, Distribution and Storage of Pure water and water for injection. Pure steam generator

TEDEC MEIJI PHARMA (Spain) 1998

Electric pure steam generator of 150 kg/h

T.P DRUG LABORATORIES (Thailand) 2006

Destiller of 1.250 l/h with 4 effects.

TEVA (formerly Ivax) (Runcorn) 2006 Mr.Richard Edwards (Project Manager)

Process Pipework system

TUCHENHAGEN (Ireland) 2002-2003 Mr.Martin Jackson

Manufacture CIP Skid.

UCB (Slough) 2007-2008 Mr.Gary Simpson (Project Manager)

Purified water generation plant ,by means of reverse osmosis + electrodeionization , for an average consumption of 4.000 l./h.PW storage tank for 4.000 l. 700 m distribution loop.

UCC (Cork,Ireland) 2008-2009

High purity water generation plant with degasser system, by means of reverse osmosis + electrodeionization + ultrafiltration.

WATER SYSTEM REFERENCES

ULKAR KIMYA (Turkey) 2006

Supply of Purified water plant of 0.8m³/h, Genesys model. This equipment is under USP29/EP.

UPM (Malaysia) 2010 Mr. BYHeu (Project Manager)

Purified water generation plant of 2.000 l./h and distribution loop. PW water storage tank of 5.000 litres.

VALIO Ltd (Finland) 2010

Pure steam generator of 500 kg/h.

WRAFTON LABS (Barnstable, Devon) 2003 Mr. Geoff Egan (Project Manager)

Purified water and distribution system. PW storage tank for 8.000 l and 250 m distribution loop.

W.S. ATKINS (Teeside) 2002-2003 Mr. Mike Bartlett (Project engineer)

Design and installation of 120 transfer panels for new facility.

W.S. ATKINS (Teeside) 2002-2003 Mr. Mike Bartlett (Project engineer)

Design, install and validate all clean utility and process pipework services including Water for Injection, Purified Water and potable water storage and distribution systems for biotech facility.

W.S. ATKINS CONSULTANTS Ltd (Teeside) 2002-2003 Mr. Mike Bartlett (Project engineer)

Design and installation of 7 access platforms.

WYETH (AMERICAN HOME) (Madrid/Spain)

USP 23 purified water generation plant of 800 l/h, by reverse osmosis and electro-deionisation system. 10.000 litres storage vessel and a 220 m distribution loop at controlled temperature. Automatic superheated water sterilisation system.

Pure steam generator of 500 kg/h plus condensate unit of 100 l/h.

WYETH RESEARCH (Madrid/Spain) 2002 Mr. G. Coe (Project Engineer)

Upgrade Nitrogen serving freeze dryer facility.

WYETH TAIWAN (Taiwan) 2008

Pure steam generator of 200 kg/h plus condensate unit of 50 l/h.

ZENECA FARMA (Porriño/Pontevedra/Spain). Mr. Victoriano Rodríguez (Production Manager).

Demineralised water distribution loop and CIP / SIP automatic cleaning and sterilisation in place systems.

WATER SYSTEM REFERENCES

ZYMA FARMACEUTICA (Barcelona/Spain). Mr. Ferrer (Engineering Manager).

Demineralised water storage and distribution loop of 200 metres at 25°C controlled temperature.
Purified water distribution loop of 150 metres at 25 / 80°C controlled temperature.