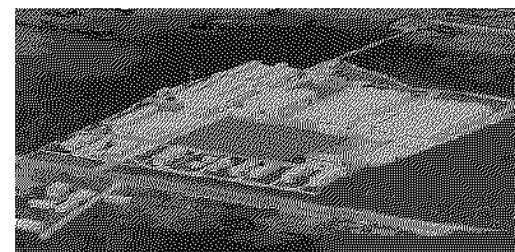
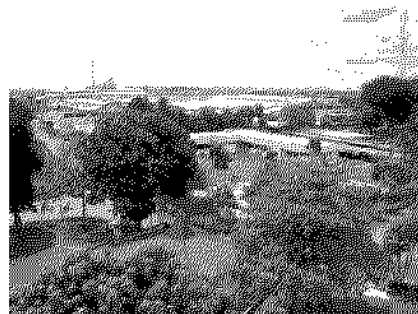
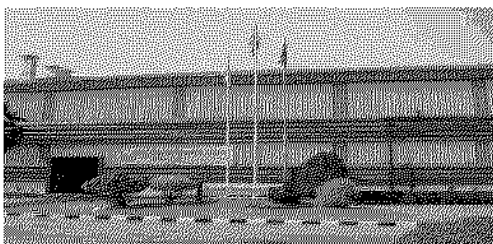


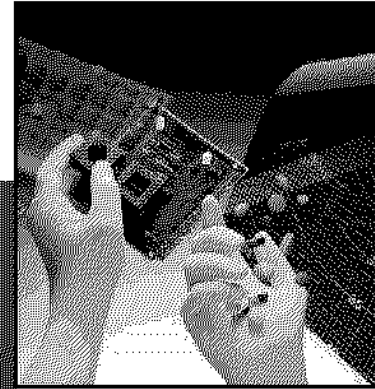
Ansell



Ansell Plant Tour

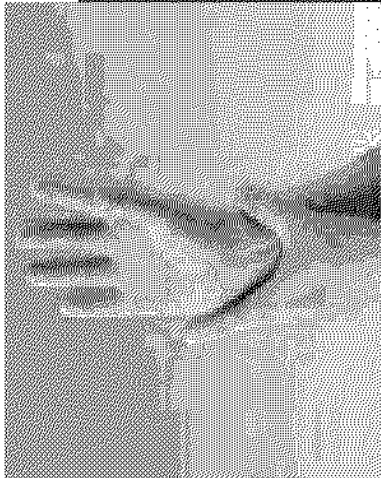
April 2007





Visit to Asian Manufacturing Sites

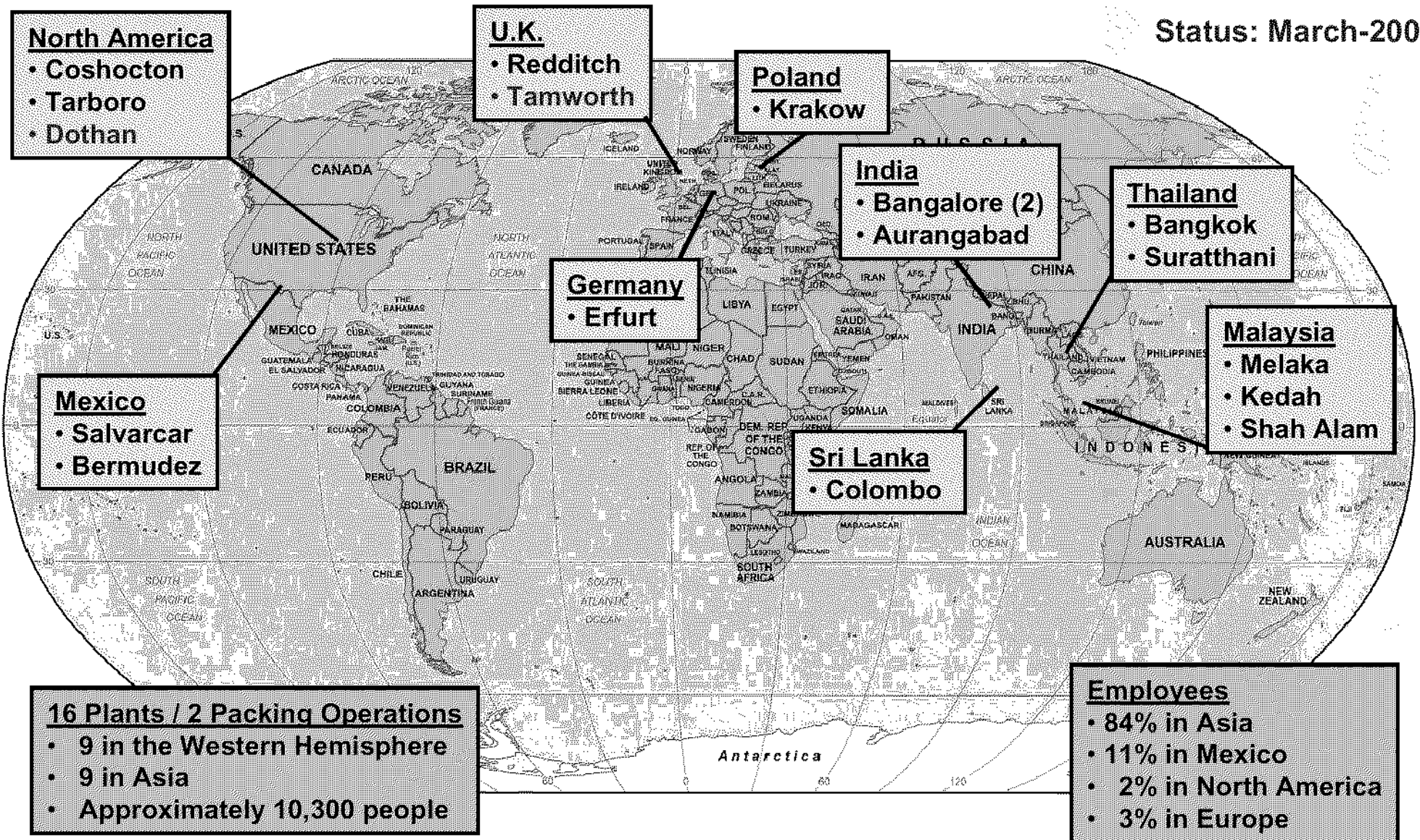
Welcome to Ansell Global Manufacturing Operations

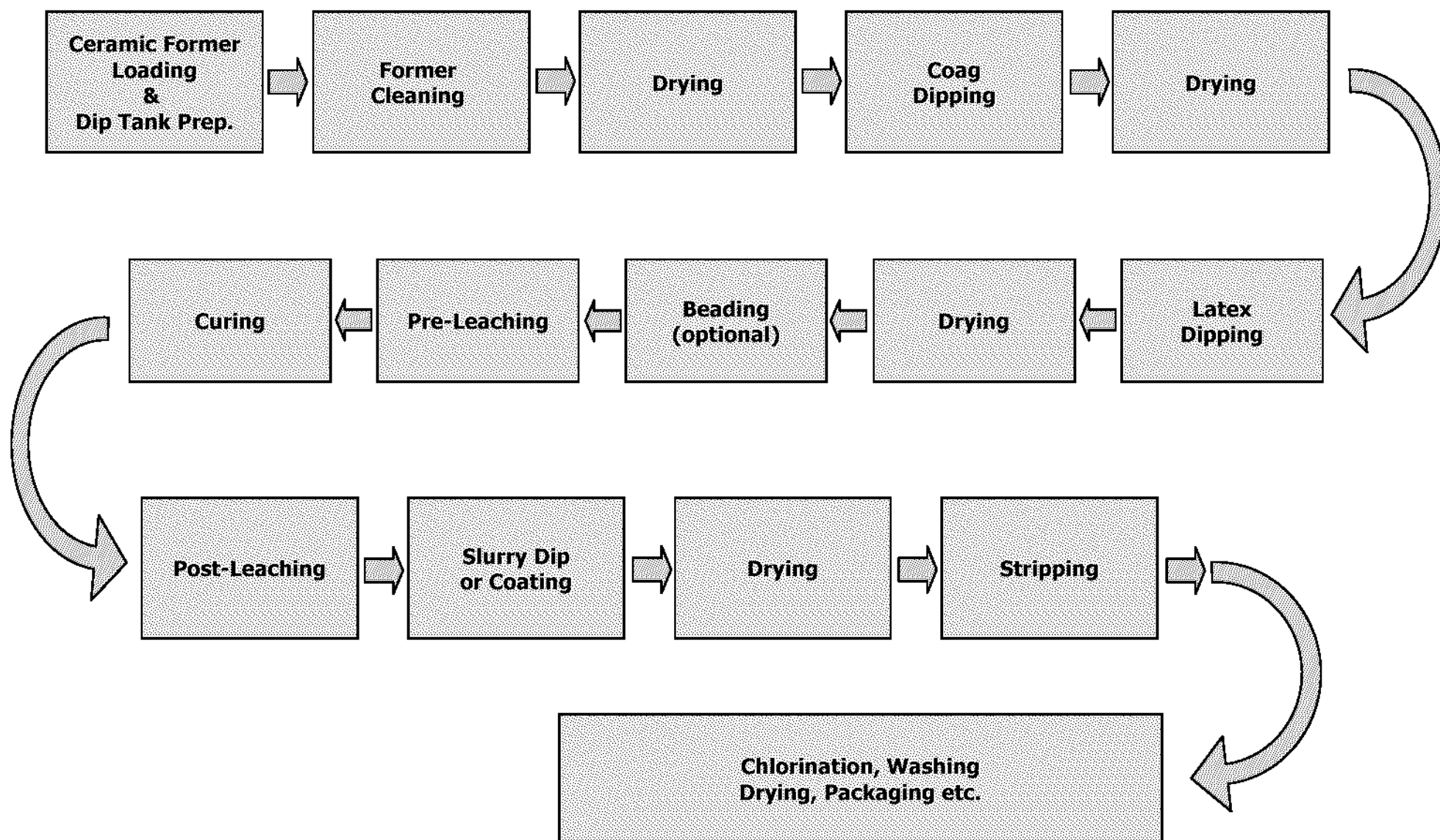


Rainer Wolf
Head of Global Manufacturing
April-23, 2007



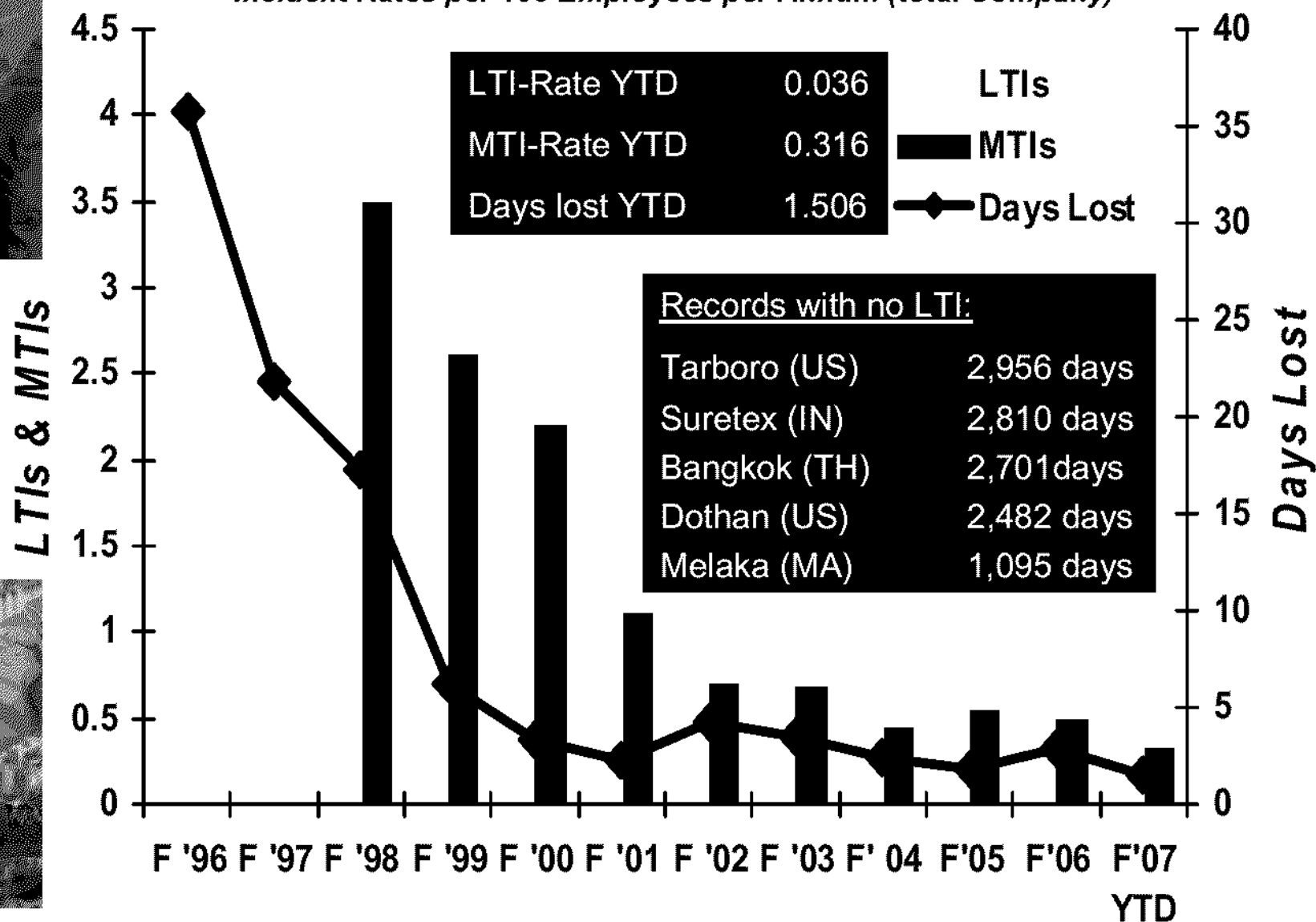
Status: March-2007





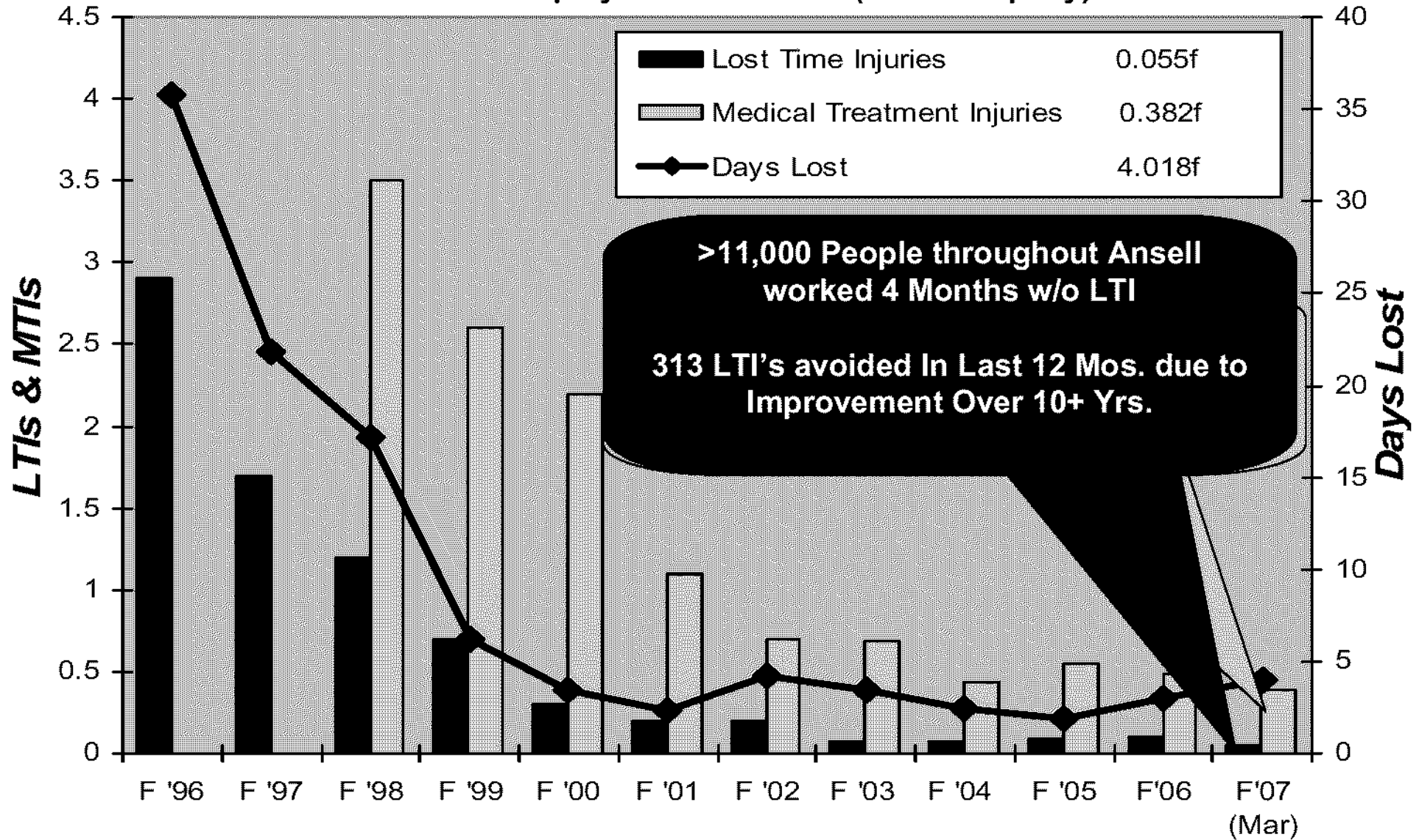


Incident Rates per 100 Employees per Annum (total Company)





f = Per 100 Employees Per Annum (total Company)



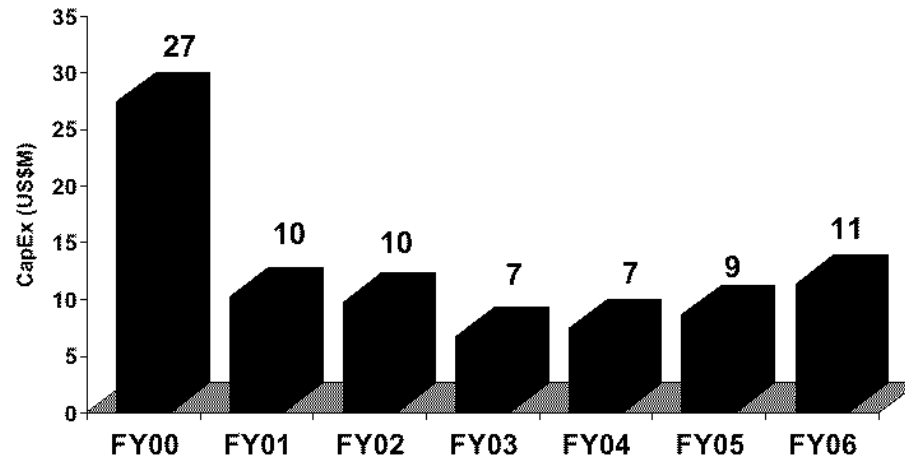


- **All Ansell Factories are ISO-certified (ISO 9001:2000)**
- **All Medical Device Factories have Accreditations according to their target markets:**
 - ISO 9001:2000
 - ISO 13485:2003
 - Quality System Regulations (US FDA)
 - CE-Mark
 - KITE Mark
 - British Standard (BSI) Accreditation (i. e. BS 5750)
 - and many more as per Country Regulations
- **ISO 14001:2004 Environmental Management System Certification**
- **Focus on Continuous Improvement (“Six Sigma” Methodology’s) and moving towards “World Class Manufacturing” (WCM)**





Ansell's Capital Expenditure History



- Over the years, Ansell has made strategic investments in new facilities, capacity and new technology
- Going forward:
Investment in Technology for further Automation, quick Line set-up and change-over, product quality improvement and maximum flexibility to produce a variety of products.

Major Investments

- Sri Lanka (Occupational Capacity)
- HyFlex® Capacity in Mexico and Lanka (Knitting & Dipping)
- Suratthani Capacity (Condoms)
- Surgical Line Conversions to powder-free (Melaka)
- Foamline Conversion for HHG (Kedah)
- FY 2007 :New Condom Foiling Technology
Line Conversions
New Surgical powder-free Line in Sri Lanka
Energy Conservation Projects & Environmental





“THE JOURNEY TO OPERATIONAL EXCELLENCE”

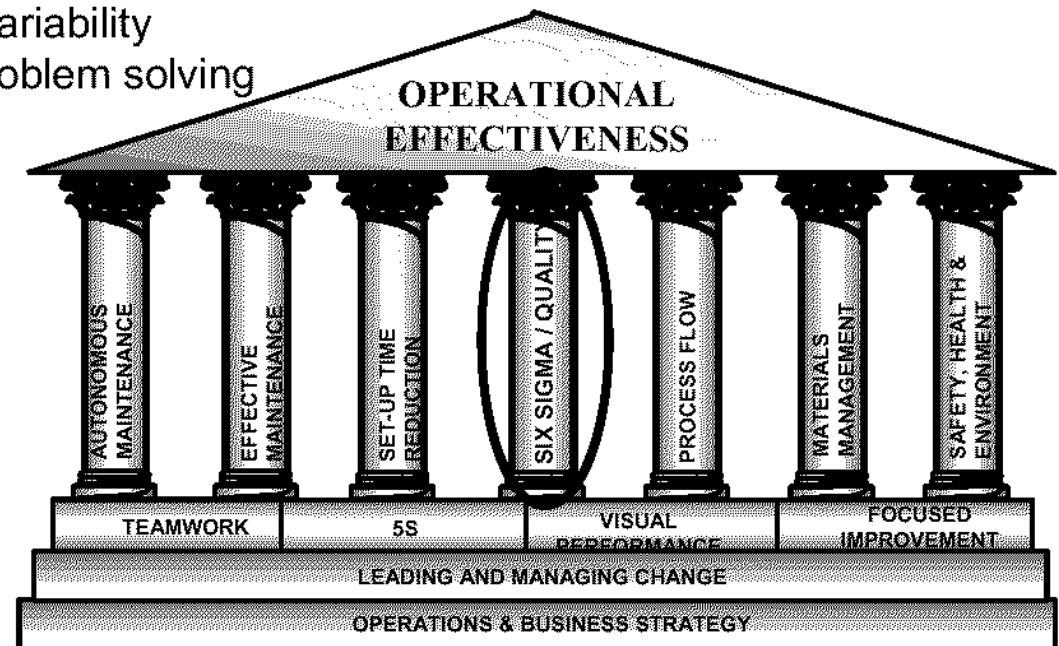
Six Sigma

Focus on the Customer and Processes
Continuous Improvement
Minimization of Process Variability
Statistical Analysis and Problem solving
Data-driven Decisions
Methodology “Toolbox”



WCM

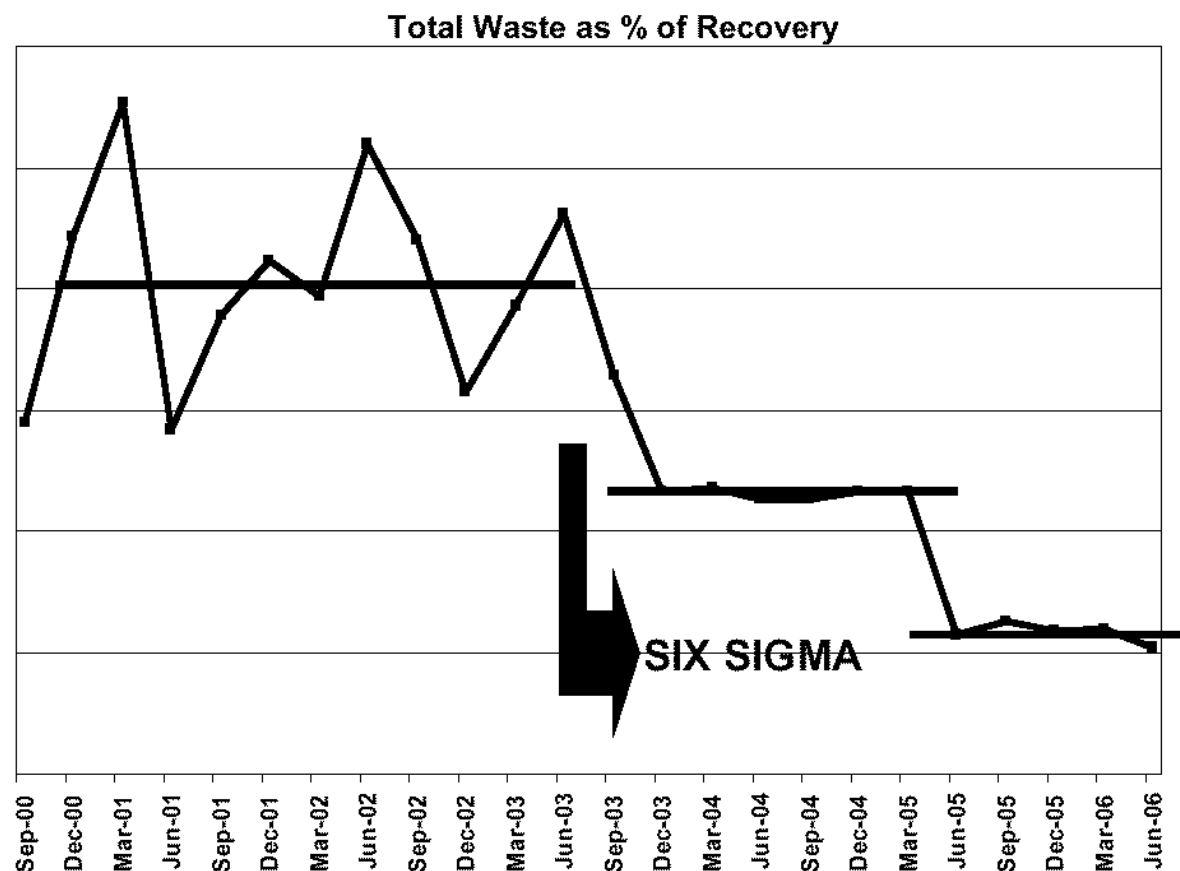
Plant Assessments
Best Practices driven
Performance Benchmark
Gap Analysis
Structured Improvement Plans
Consistent Methodologies
Standard Data Collection, Reporting and Analysis



“BEST PRACTICES FOR WORLD CLASS PERFORMANCE”



What has Six Sigma and WCM done to our Cost of Poor Quality ?

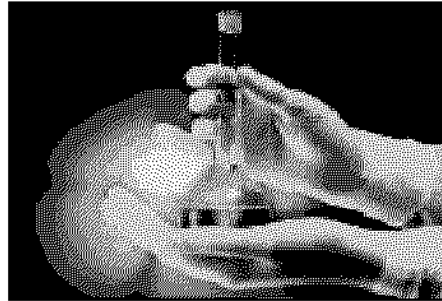
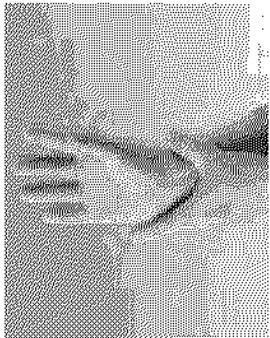


- Between Sep-2000 and June-2003, Waste was at a high level of Quarter-by-Quarter variability.
- After introduction of Six Sigma, the average quarterly waste cost went down and to a much better level of control.
- Six Sigma in combination with WCM methodologies drove average waste per Quarter further down at maintained control levels.

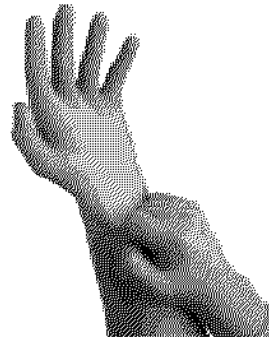


How can Ansell further develop the “Competitive Edge”?

- - Plant Consolidations
 - Economies of Scale
 - Key new “Greenfield” operations
 - Acquisitions
- Focus on core technologies in “Focused Factories”:
- Centers of distinctive Excellence
- Investment in superior Technology (Energy reduction, Automation)
- Strategic Contract Manufacturing & Supply Partnerships



Thank you for your Attention !





Analysts / Investors / Bankers Factory Visit

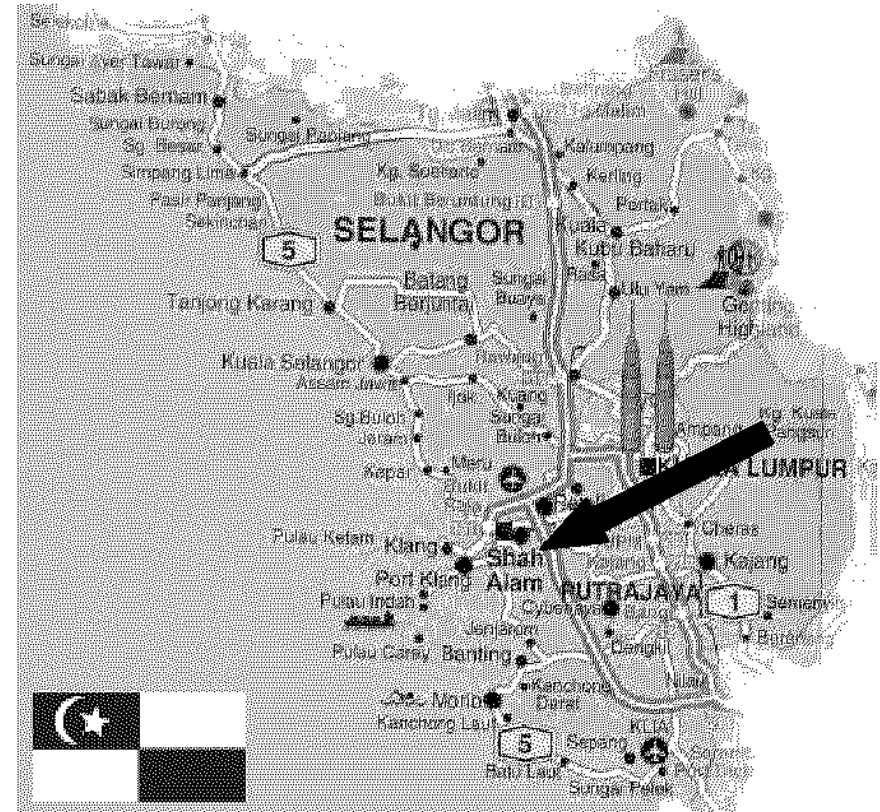
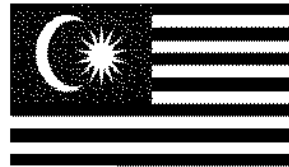
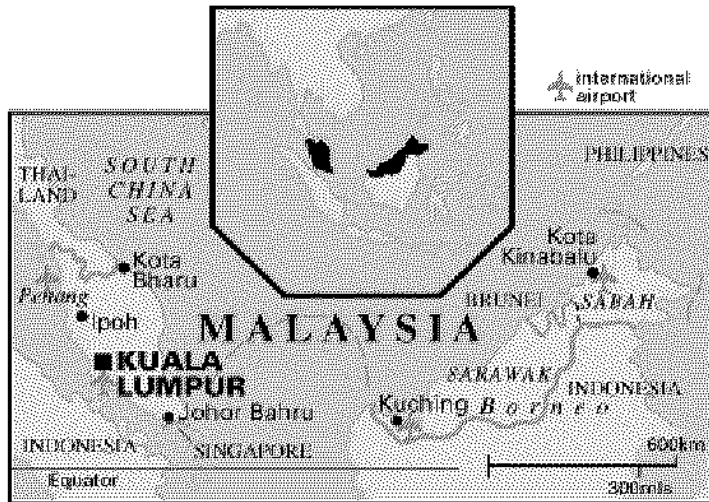
Ansell Shah Alam Sdn Bhd, Malaysia



**Ansell Shah Alam Sdn. Bhd.
Lot 16 Persiaran Perusahaan
Section 23
40000 Shah Alam
Selangor, Malaysia**

Country: Malaysia





Malaysian Population	: 26.9 million
GDP	: US\$ 130 billion
Annual Latex Production	: 200,000 tons (wet)

Selangor Population	: 4.2 million
Nearest port (Port Klang)	: 30 km
Nearest airport	: 55 km



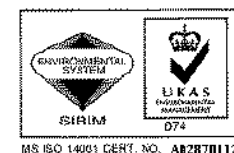
FACTS & DATA

Established	:	1988
Owned/Leased	:	Fully owned
Land Area	:	20 Acres
Built-up Area	:	210,000 square feet
Ansell Divisions supported	:	Professional
Headcount as of March 2007	:	Approximately 500
Products produced	:	Surgical Gloves (NRL powdered & PF) Examination Gloves (NRL powdered)
Safety	:	845 days without Lost Time Injury previous best 1,105 days



QUALITY SYSTEMS

- **ISO 9001: 2000 Quality Management System Certification**
(CERTIFIED SINCE DECEMBER 15, 2003)
- **ISO 14001:2004 Environmental Management System**
(CERTIFIED SINCE DECEMBER 15, 2000)
- **ISO 13485 : 2003 Quality Systems Certification**
(CERTIFIED SINCE NOVEMBER 10, 2004)
- **Quality System Regulations (US FDA)**
(CERTIFIED SINCE DECEMBER 15, 2000)
- **Japanese Pharmaceutical Affairs Law (JPAL)**
- **TGA Australia**





History

2000 Acquired from J&J

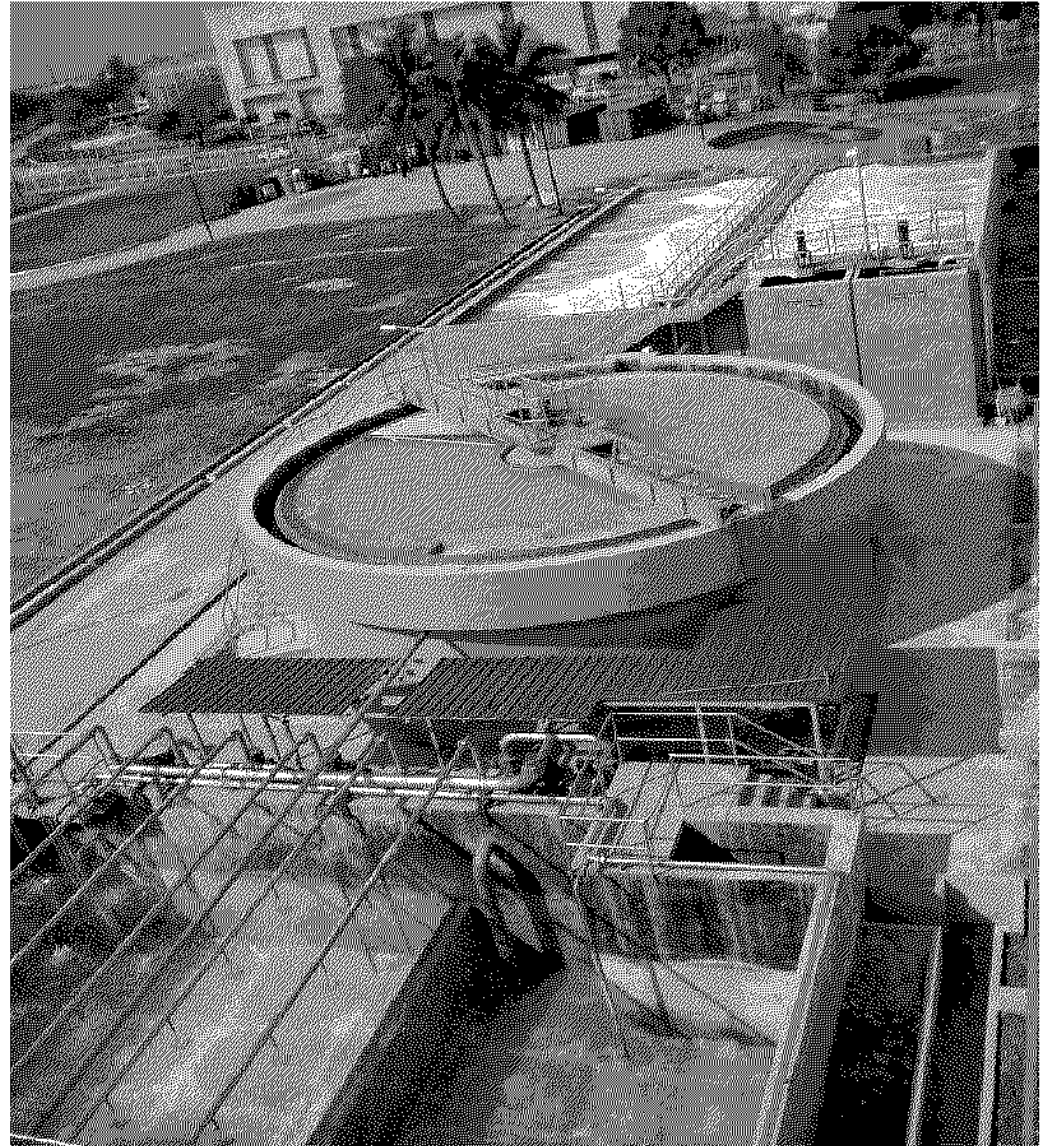
NEW PRODUCT INTRODUCTION

**2001 Commence production of Perry range products (transferred from
Massillon)**



ISO 14001:2004 Environmental Management System (CERTIFIED SINCE DECEMBER 15, 2000)

**New Effluent Treatment Plant
commissioned on January 2007**





Major Investments Over Past 3 years

Conservation :

Boiler burner conversion from medium fuel oil to natural gas.

Ground water project

Environmental protection :

New Effluent Treatment Plant (ETP)

Science & Technology

...forming Ansell's future...

Presentation made to Investors, Analysts and Bankers
Shah Alam, Malaysia



23 April 2007

Dr. Michael S. Zedalis
Sr. VP - Science & Technology
- Regulatory & Quality Affairs

Welcome to Shah Alam S&T

Let me first introduce myself...

Background:

– **Work Experience**

- 15 yrs. - AlliedSignal / Honeywell Int'l
- 3 yrs. - Scient – Strategy Consulting
- 4 yrs. – Ansell Healthcare Products, LLC

– **Education**

- MS & PhD - Northwestern University
- MS - Steven's Inst. of Technology
- BS - Lafayette College

Topics to be covered...

My Areas of Responsibility

– **Science & Technology (S&T)**

- Mission Statement
- Organization, People & Operations
- Product Innovation Drivers
- Processes – Quality, Product Commercialization

– **Regulatory & Quality Affairs (RQA)**

- Mission
- Organization
- Requirements
- Key Initiatives

S&T's Mission

To Defend, Support and Expand Ansell's Business

Accomplished by providing support to:

– **Marketing**

- continuous flow of successful new products
- technical services
- competitive assessments

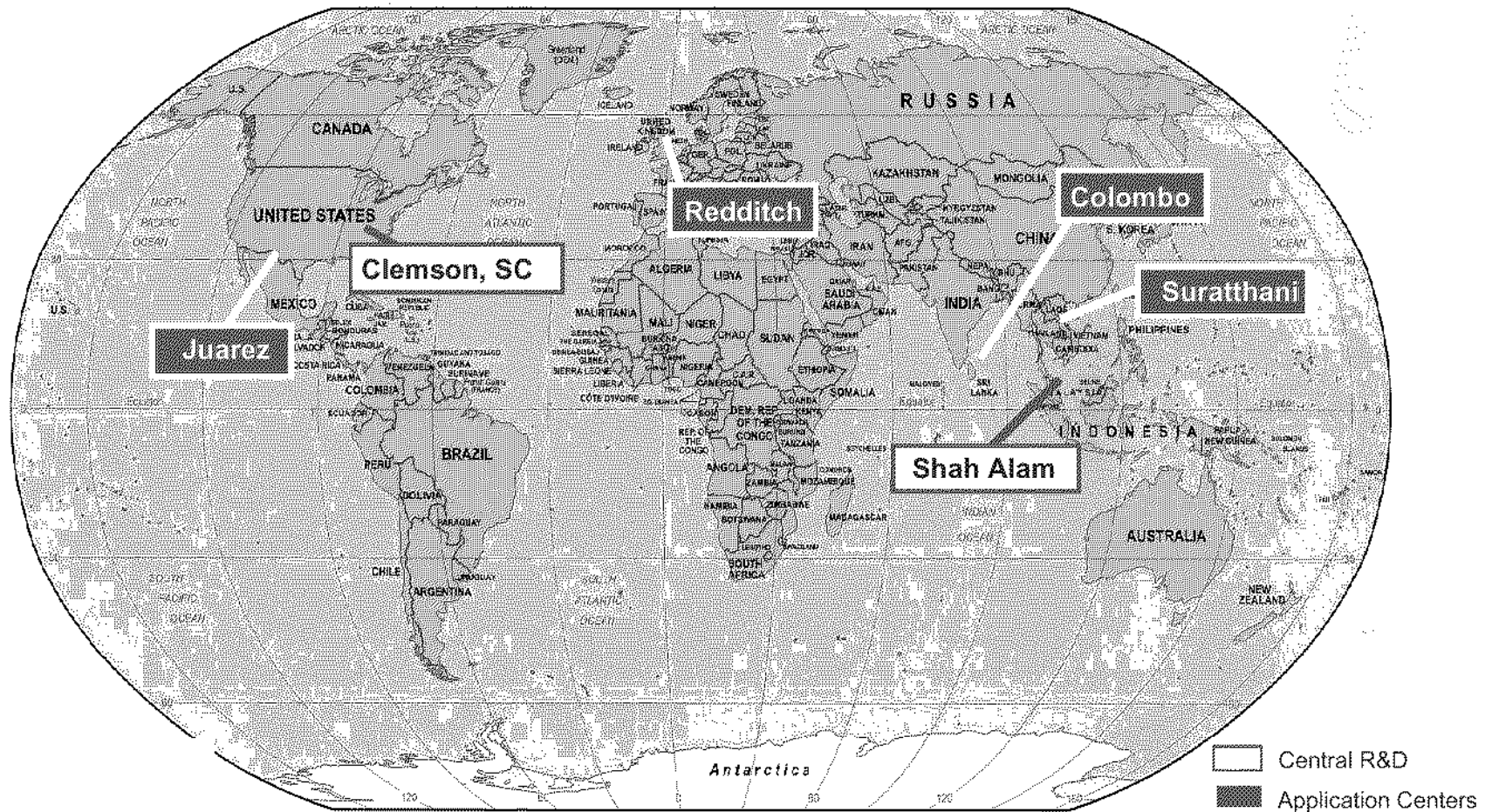
}
- breakthrough
- evolutionary

– **Global Supply Chain**

- develop new & improved processes
- supplier qualification
- quality systems creation
- six-sigma technology support

}
- cost savings
- quality improvements

S&T is a Global Organization



Technology Transfer is aided by Application Centers

S&T People

We represent a diverse, multi-national group:

- Blend of complementary skill-sets – rubber chemistry & engineering, polymer science, analytical chemistry, materials science, mechanical engineering & microbiology
 - 9 PhD's from the top universities in the world
 - University of Cambridge, Northwestern University, Lehigh University and others
 - 13 with MS degrees in Rubber chemistry, Textile Science & Engineering
 - > 300 years of combined technology experience
- Cross-functional teamwork with Manufacturing, Marketing & Regulatory
- Partnerships with leading universities & technology experts

Product / Process Innovation Drivers

Comfort

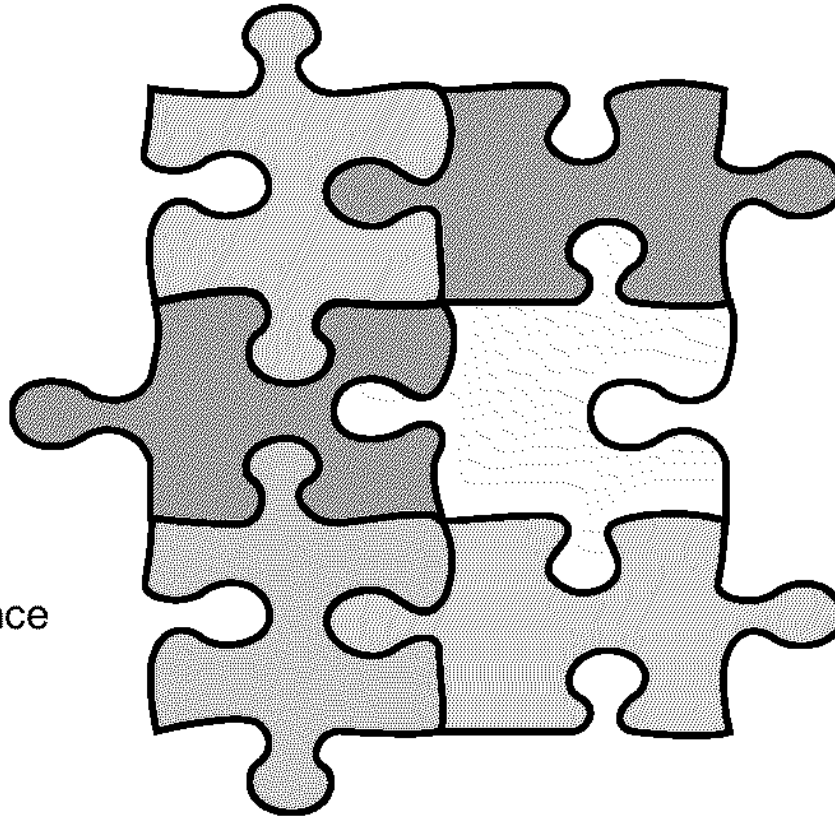
- fit / feel
- flexibility
- softness
- breathability

Performance

- grip
- durability
- cut resistance
- chemical resistance
- pleasure

Ergonomics

- productivity
- safety
- quality



Materials

- latex
- fibers / yarns
- lubricants
- additives

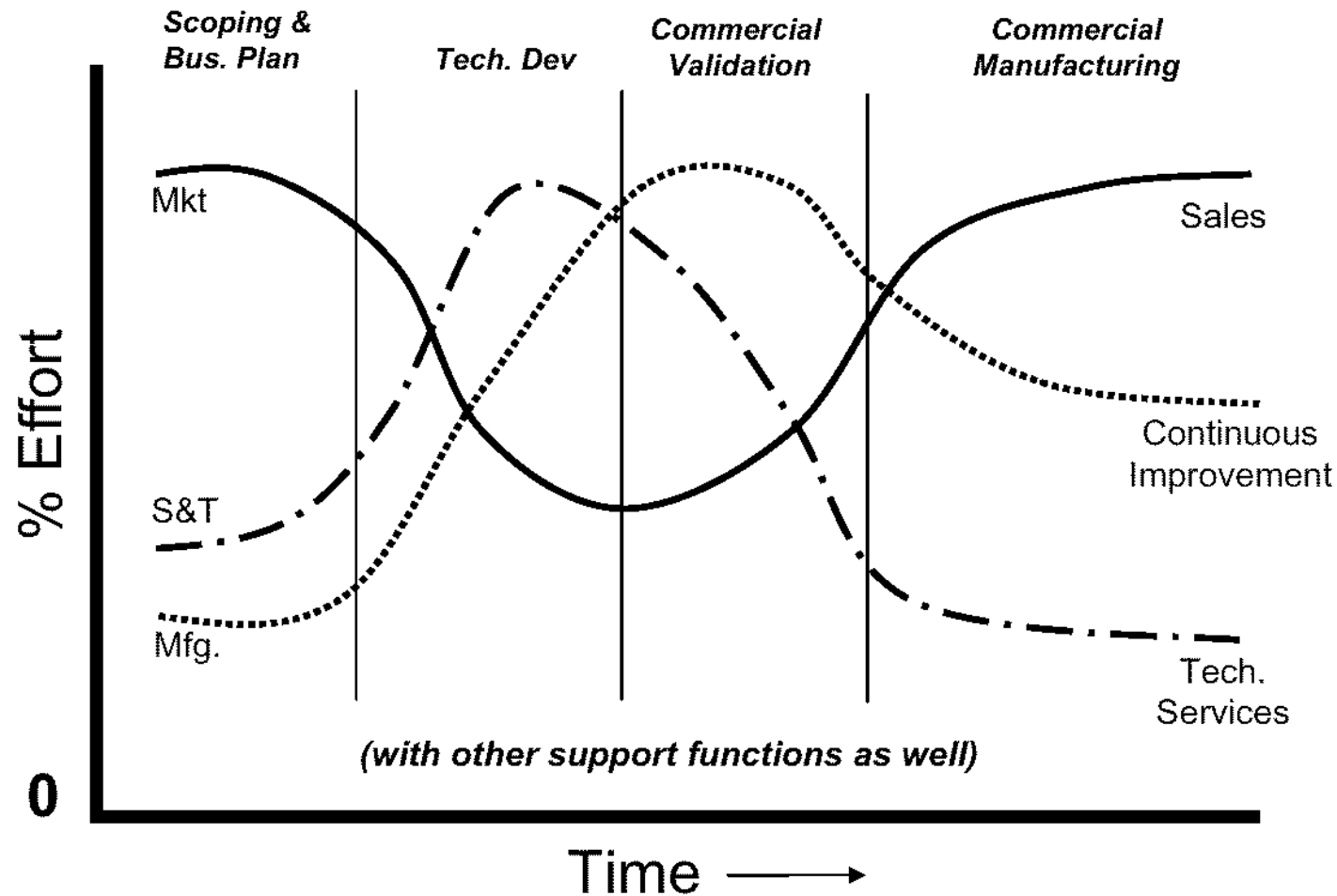
Manufacturing

- knitting
- dipping
- formers
- process improvements
- out source suppliers

Enhancers

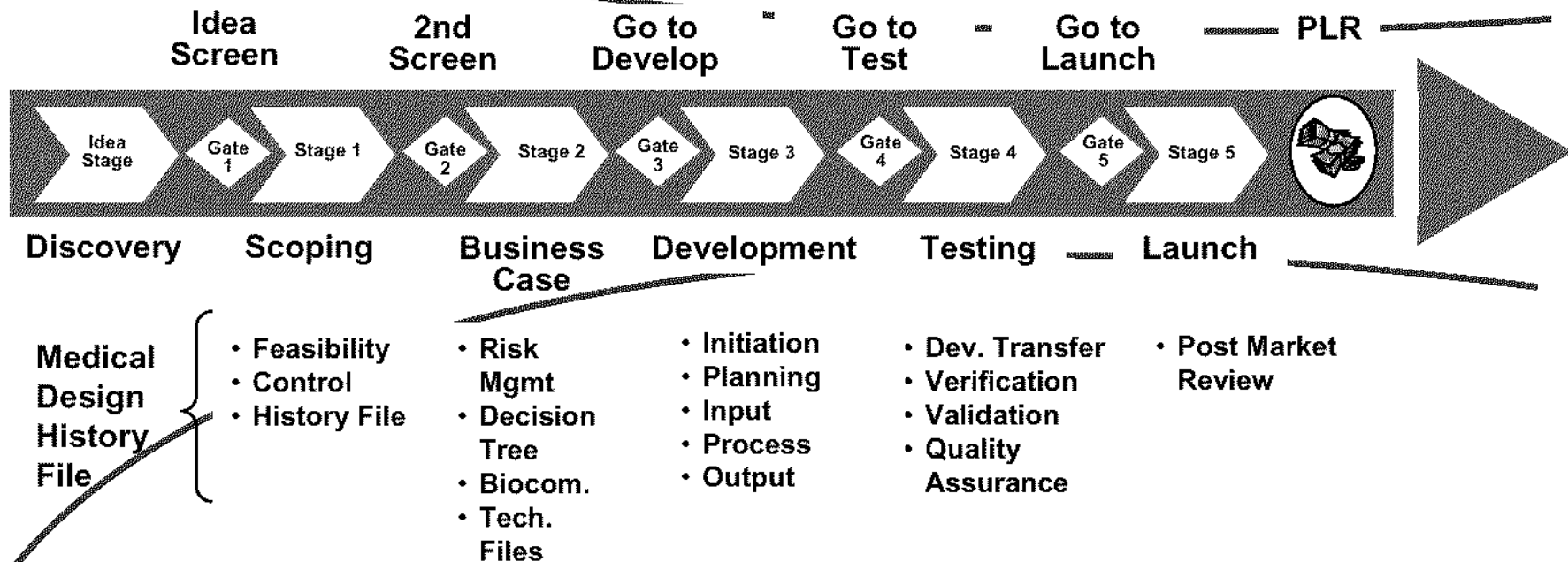
- Surface coatings
- Nanoparticles
- Custom Design

Cross Functional Teaming for Success!



Process : Product Commercialization

Recently Deployed Stage-Gate to Benefit NPD...



...and customized for Medical Device compliance

LotusNotes® S-G Navigator® Software

Stage Gate Process - IBM Lotus Notes

Ansell Welcome | Michael Zedalis - Inbox | Workspace | Stage-Gate Process

Stage Gate®

Ansell's Roadmap to Commercialization

Ansell

About Stage Gate®
User Guide
Intelligence Resource

Ideas
All Ideas
By Status
Idea Vault

Projects
By Process Type
By Stage
By Status
By Division
Gatekeeper's Score
Ranking by Division

Project Activities
By Status

Administration
DDIC SOP Library
Template Library
Archive

Help

Introduction

- » Welcome to Stage-Gate® and Stage-Gate Lite®
- » Purpose of Stage-Gate®
- » Principles Underlying Stage-Gate®
- » Structure of Stage-Gate®
- » Three Stage SG Lite™ Process
- » Types of Projects
- » Roles and Responsibilities
- » Effective Gatekeeping
- » Effective Project Leadership
- » Metrics
- » Key Terms
- » Integrated Product Definition
- » Executing a High Quality Business Case

5 Stage Process

- » Discovery
- » Gate 1 – Idea Screen
- » Stage 1 – Scoping
- » Gate 2 – Go to Business Case
- » Stage 2 – Build Business Case
- » Gate 3 – Go to Development
- » Stage 3 – Development
- » Gate 4 – Go to Testing and Validation
- » Stage 4 – Testing & Validation
- » Gate 5 – Go to Launch
- » Stage 5 – Launch
- » Post Launch Review

Scorecards

- » Gate 1 Scorecard
- » Gate 2 Scorecard
- » Gate 3 Scorecard
- » Gate 4 Scorecard
- » Gate 5 Scorecard

3 Stage Lite Process

- » Flexibility and the Three Stage Process
- » Lite Stage 2 – Build Business Case
- » Lite Gate 3 – Go to Development and Testing
- » Lite Stage 3/4 - Development & Testing
- » Lite Gate 5 – Go to Launch
- » Lite Stage 5 – Launch

Scorecards

- » Lite Gate 3 Scorecard
- » Lite Gate 5 Scorecard

What's New (Recent Document Updates)

XPress Business Case	Updated: December 4, 20	e)
Lite Stage 2 Business Case	Updated: December 4, 20	e)
Detailed Project Plan for Lite Stages 3/4 and 5 and Express	Updated: November 7, 20	e)

Ansell

Regulatory & Quality Assurance Mission

To Provide Regulatory & Quality Direction, Information & Support to All Involved Parties

Accomplished by :

- Clearly defined policies & standards for our plants, operations & S&T
- Timely provision of supportive data & product requirements
- Effectively & regular communication with regulatory bodies
- Leaders for endemic quality & 6-Sigma improvements

Regulatory & Quality Assurance

EMEA

- Gloves, Condoms & PPE
- Also Supports Emerging Markets
- Located in Tamworth, UK

Americas

- Gloves & Condoms
- Located in Dothan, Alabama

Asia-Pacific

- Gloves & Condoms
- Manufacturing & Compliance
- Located in Melbourne, Australia

Scale 1:131,000,000
Robinson Projection
standard parallels 36°N and 36°S

January 2002

Boundary representation is
not necessarily authoritative.

802804A1 (R00352) 12-01

Regulatory Requirements

Regulatory Agencies	
United States of America	U.S. Food & Drug Administration
Austria*	Federal Ministry of Labor, Health & Social Affairs
Belgium*	Ministere Federal des Affaires Sociales, de la Sante Publique et de l'Environnement
Denmark*	Danish Medicines Agency
Finland*	National Agency for Medicines
France*	Agence Francaise de Securite Sanitaire des Produits de sante
Germany*	Federal Institute for Drugs and Medical Devices
Greece*	Ministry of Health & Welfare
Ireland*	Department of Health
Italy*	Ministeri della Sanita
Luxembourg*	Direction de la Sante
The Netherlands*	Ministerie van Volksgezondheid
Norway*	The Norwegian Directorate of Health & Social Welfare
Portugal*	Instituto Nacional de Saude Lemes
Spain*	Ministerio Sanidad y Consumo
Sweden*	The Medical Products Agency
United Kingdom*	Medical Devices Agency
Hungary	Orvos- és Kórháztechnikai Intézet -ORKI
Russia	GOS
Israel	Israeli Standards Institution
Australia	Therapeutic Goods Agency
Japan	Ministry of Health, Labor & Welfare
Thailand	Thai FDA
S. Africa	South African Bureau of Standards
China	State Drug Administration
Canada	Canadian Medical Device
Other Countries	Mexico, Brazil, Ethiopia, Kenya, Lithuania, Nigeria, Czech Republic – ITC, etc.

Condom Requirements

Standard	Types of Requirements
EN 600	Holes, strength, pack-integrity, labeling
ASTM 3492	Similar to above
	Similar to above plus aging strength & stability (note – ASTM 3492 & EN600 is migrating to this standard)
ISO 4074	
WHO	Similar to above plus mean strength at aging

Glove Requirements

Standard	Types of Requirements
EN 455	Holes, strength, powder residue, protein levels
ASTM 3577, 3578	Similar to above

Well positioned to take advantage of:

- **Changes in the Marketplace**

- evolutionary
- regulatory affairs

- **New Product Opportunities**

- unmet needs
- value enhancement

- **Technology Breakthroughs**

- materials
- processing
- partnerships

- **Higher Regulatory / Quality Requirements**

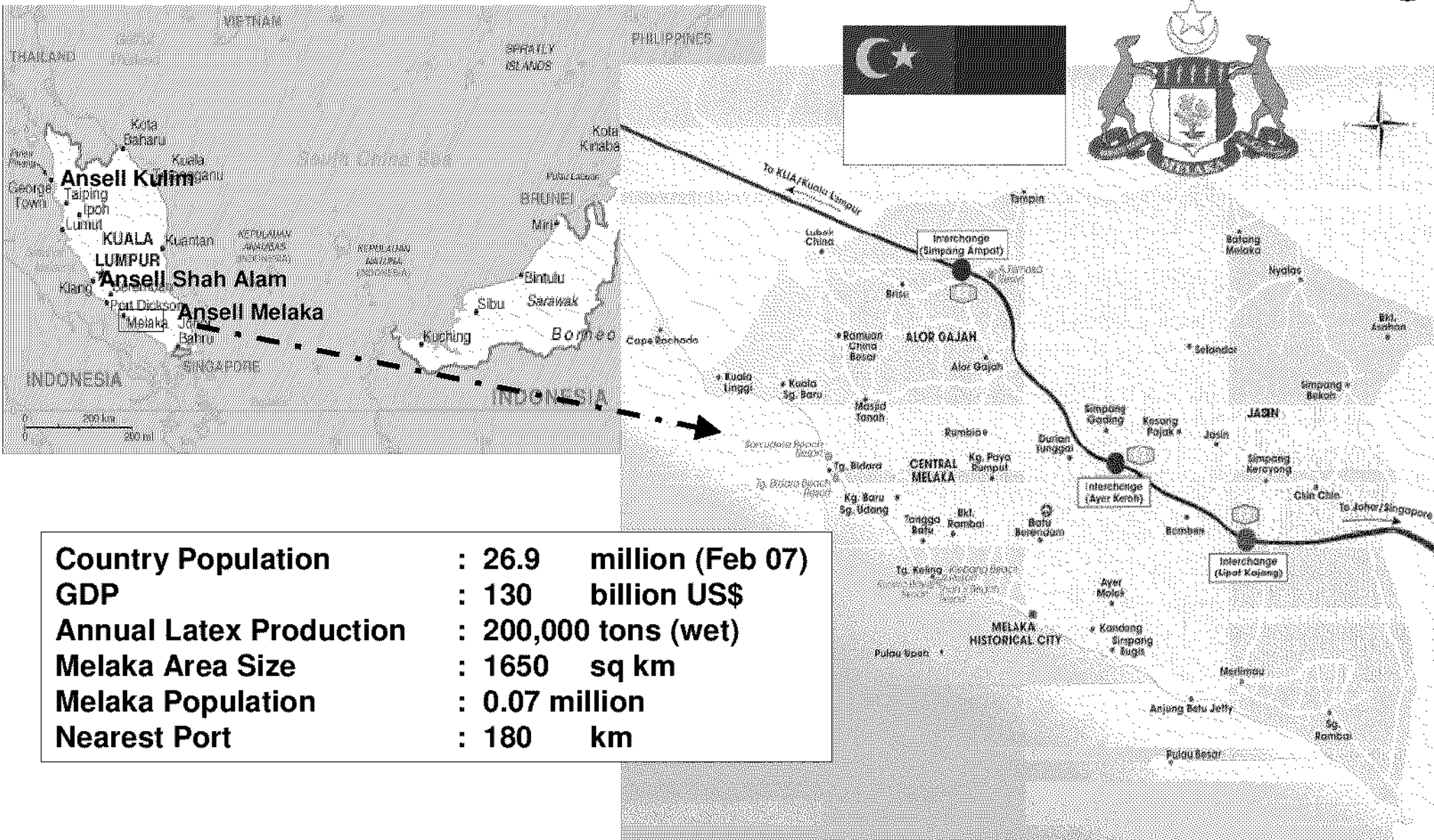


Analysts, Investors and Bankers Visit

April-23, Monday

Ansell Malaysia Sdn. Bhd.

**Lot 80, Air Keroh Industrial Estate
75450 MELAKA
Malaysia**





Established	:	1976
Owned/Leased	:	Fully owned
Equity Share	:	75% Ansell, 25% Bumiputera
Land Area	:	18.5 Acres
Built-up Area	:	440,000 sq ft.
Ansell Divisions supported	:	Professional, Occupational
Headcount as of February 2007	:	Approximately 2000
Shifts	:	7 days / 24 hours / 4 crews
Products produced	:	Surgical Gloves Examination Gloves



Nov-1976	Commissioned first household gloves dip line
Nov-1977	Commenced production of powdered surgical gloves
July-1984	Commenced production of powder-free surgical gloves
Mar-1985	Achieved BS 5750 Part 2. Quality Management System Certification
May-1990	Obtained ISO 9001 Certification
Jan-1993	Converted household gloves dipping line to Exam gloves dip line
Mar-1997	Introduced 1st polymer-coated product – <i>Nutex[®] DermaShield</i>
Mar-1997	Production of synthetic powder-free gloves-<i>Dermaprene[®] DermaShield</i>
Dec-2000	Production of the Gammex[®] PF glove (<i>The Flagship Product of Ansell</i>)
May-2005	Introduced 1st Hydrasoft Technology Product – <i>Gammex[®] PF Hydrasoft[®]</i>

MAJOR INVESTMENT PROJECTS OVER PAST 3 YEARS



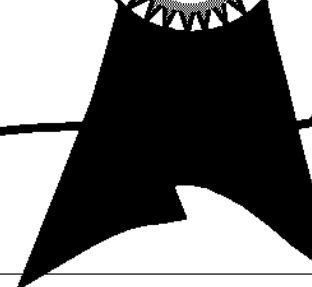
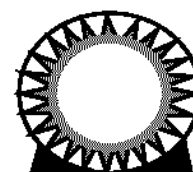
1. NOSUR CONVERSIONS

Machine	Conversion	Date of Completion
● 4/6 Nosur	Powdered to Premium Powder Free Gloves	Jan-2004
● 4/5 Nosur	Powdered to Premium Powder Free Gloves	Dec-2005
● 4/4 Nosur	Powdered to Premium Powder Free Gloves	Sept-2006
2. BOILER CONVERSION TO GAS		July-2005
3. ABSORPTION CHILLER		Dec-2006
4. EFFLUENT PLANT UPGRADE		Aug-07 (<i>planned</i>)



Status:

Current	Set-up work team
May 07	Introduction & Training of EMS 14000 requirement
Jan 08	To carry out documentation
Jun 08	Completion





Thank You !

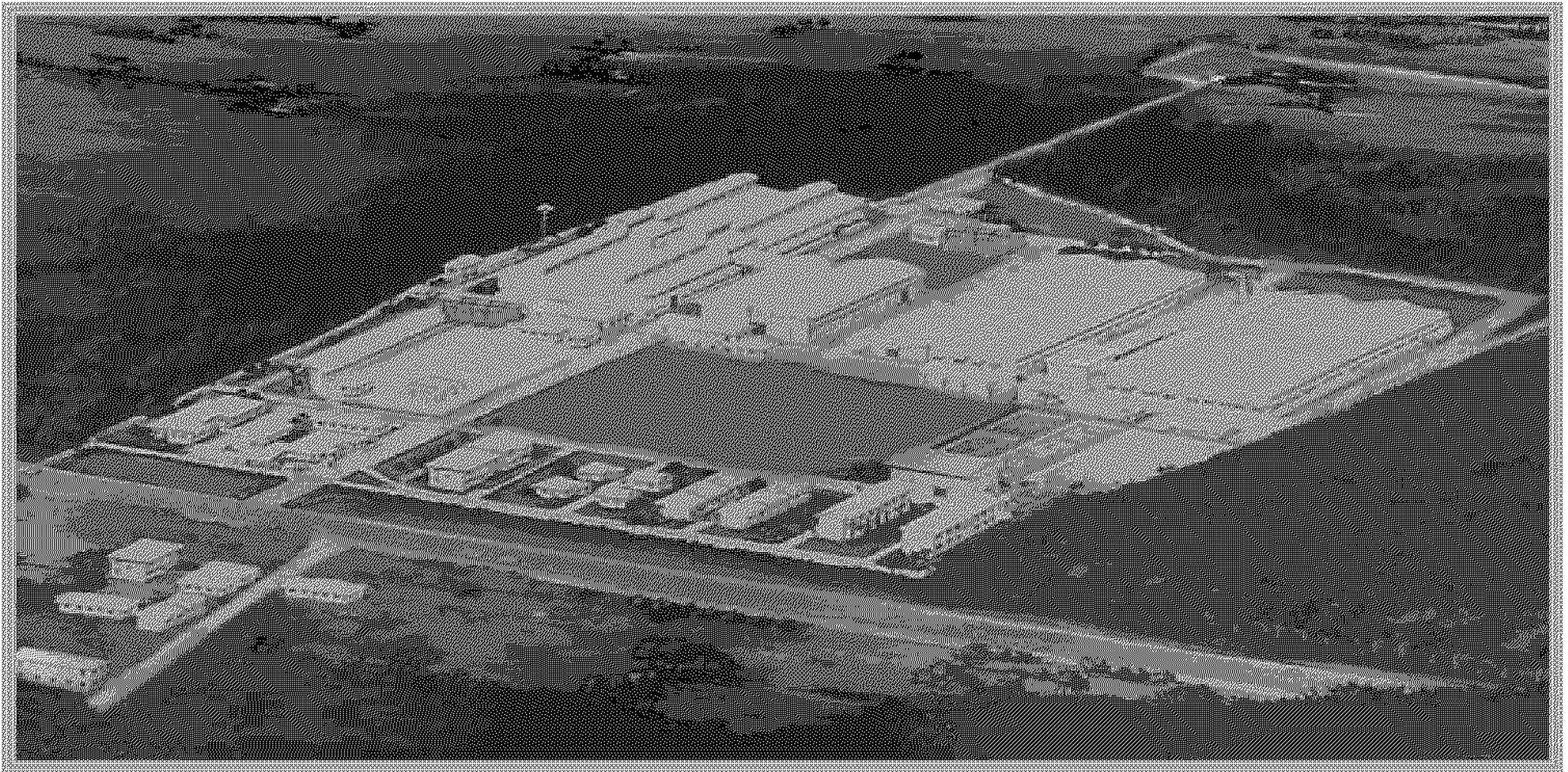


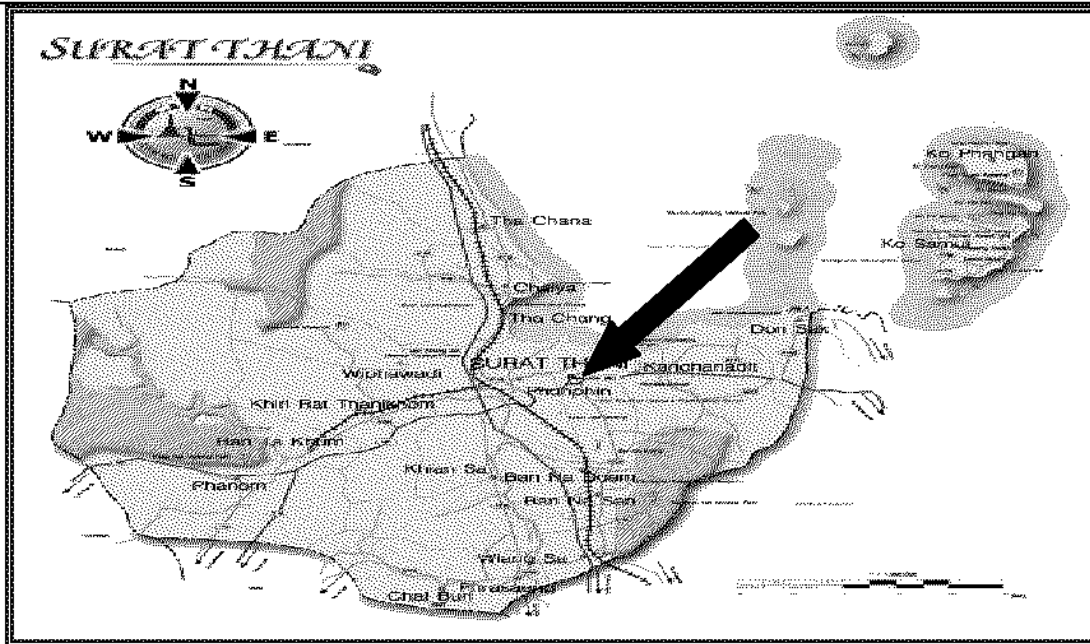
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Suretex Ltd.
31/ 1 Moo 4, Tambon Khao Hua Kwai
Amphur Phunphin
Suratthani - 84130
Thailand

Country: Thailand



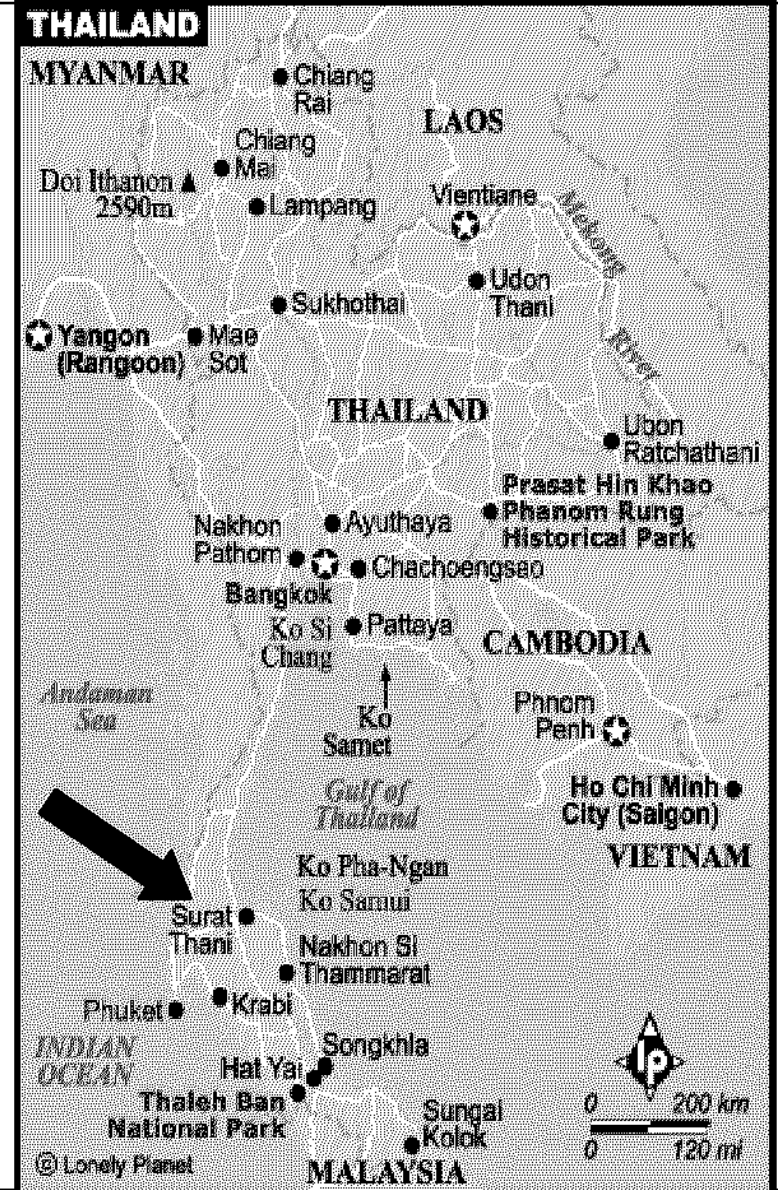


Country Population : 63 million
 Country GDP : US\$ 200 billion
 Annual Latex Output : 3 Million Tons

Suratthani Population: 0.9 million
 Nearest Port : 380 km

Transit time

- Between Suratthani airport and plant is 15 minutes.
- Between Suratthani town and plant is 20 minutes.





Established	:	1987
Owned/Leased	:	fully owned
Land Area	:	51 Acres
Built-up Area	:	30,400 m²
Ansell Divisions supported	:	Consumer
Headcount as of March 2007	:	Approximately 1,200 employees
Products produced	:	Condoms 4 Profiles 3 Surfaces 7 Colours 12 Flavours 4 Lubricants



Mar-1987	Plant Constructed
Jul-1998	Ansell took over ownership
Jan-2000	Condom production capacity increased almost 2.5X
Feb-2002	ISO Guide 25 Laboratory System Certification
May-2002	ISO 9001:2000 Quality Management System Certification
Jan-2004	Six Sigma Methodology & WCM 4 best practice
May-2004	Implemented S&T Satellite Team and Pilot Dipping Machine
Apr-2006	ISO/IEC 17025 : 2005 Laboratory System Certification
March-2007	ISO 14001 Audited to certify

**Recent Major investments in:****Environmental:****Effluent treatment****Health & Safety:****Sprinklers, canteen****Energy Conservation:****HVAC****Automation / Productivity:****New equipment, processes****New Capabilities:****Packing, cartons, wrapping**

**Main Quality System Certifications**

ISO 9001	QSR USFDA
ISO 13485	SABS mark
CE mark	Thai FDA
NF mark	TIS 625
GMP	IRAM mark
DMSC-ISO/IEC 17025	
Hong Kong safety mark	
CCC mark	

General Information

Plant Operating hours	:	24 hrs, 7 days a week
Office hours	:	8:00 am - 5:00 pm, Monday - Saturday
Visitors/Auditors	:	Visitors or Auditors will be escorted for safety and other operational procedures
Others	:	Use of camera, video recorder or any form of recording equipments is prohibited.



Ansell (Thailand) Ltd.

Lat Krabang site presentation

**Thomas McKnatt
General Manager
April 2007**



Ansell (Thailand) Ltd.
110 Moo 4 Chalongkrung Road,
Khwang Lamplatieu, Khet Lat Kragang,
Bangkok 10520
Thailand





Ansell Lat Krabang is located southeast of Bangkok approximately 40 km from the heart of the city.

Country Population	63 million
GDP	US\$ 200 billion
Annual Latex Production	3 million tons
City Population	10.5 million
Nearest port	50 km.
Nearest airport	5 km.



Established :	1982
Owned/Leased :	Fully Owned
Land Area :	57,500 sq. m.
Built-up Area :	25,000 sq. m.
Ansell Divisions supported:	Occupational, Professional, Consumer
Key Market(s) :	Multi-purpose and Chemical Protection
Headcount as of March 2007 :	Approximately 800 people
Professional Products :	Examination gloves (latex)
Occupational :	Examination gloves (synthetic) , Household Gloves, AlphaTEC™ bonding
Consumer	Household Gloves



May-1992	BS 5750:1987 Quality Management System Certification
Feb -1995	ISO 9002:1994 Quality Management System Certification, Upgraded to ISO 9001:1994, QMS Certification in April, 2000
Jun-1998	EN 46002:1996 Quality Management System Certification, Upgraded to EN 46001:1996 Medical Devices Quality Management System Certification in September, 2000
Nov-2000	Thai FDA ISO 9001:1994 Quality Management System and Regulatory Inspection Certification
Sep-2002	US FDA: 21 CFR Part 820 QSR at level II (QSIT inspection)
Oct-2002	ISO 14001:1996 Environmental Management System Certification
Dec-2002	ISO 13485:1996 Medical Devices Quality Management System
Dec-2003	ISO 9001:2000 Quality Management System Certification
Feb-2004	ISO 13485:2003 Medical Devices Quality Management System
Jan-2006	Thai GMP for Medical Devices (Thai FDA): Management System and Regulatory Inspection Certification
April-2006	ISO 14001:2004 Environmental Management System Certification



Investments	Projects
Productivity Improvements	Economizer
Growth	AlphaTEC™ Bonding Line
Sustaining	Building renovation (old glove building)
Environmental / Safety	AH2 online chlorination

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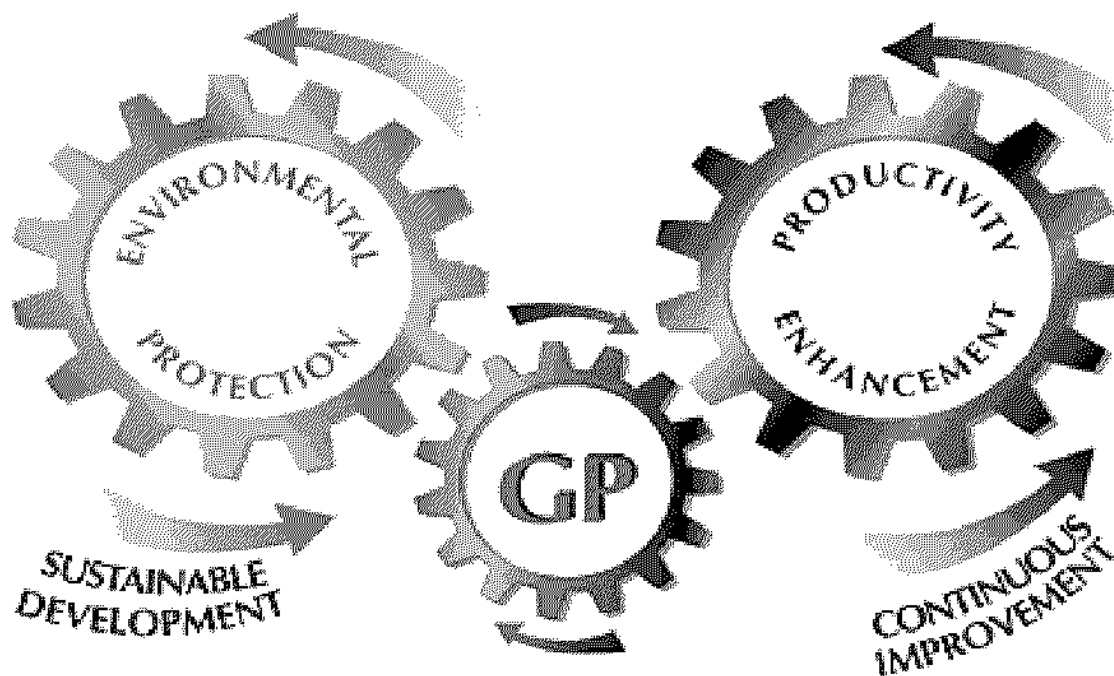
Green Productivity

Global Engineering



What is Green Productivity ?

Green Productivity is a proactive approach to Energy Management
The concept of which has been introduced as the backbone to
Ansell's Utilities Strategy





What is Energy Management ?

Energy Management is:

- ✓ The systematic process of achieving the most efficient and effective use of energy
- ✓ Production of the same level of goods or services with less energy or expanded levels with the same amount of energy

Energy Management is not:

- × Rationing
- × Doing without
- × Sacrificing quality, productivity, safety, or environmental standards -- in fact, it often results in better performance in these areas

Ultimate aim of an **Energy Management** program is to enhance an organization's **Energy Efficiency**

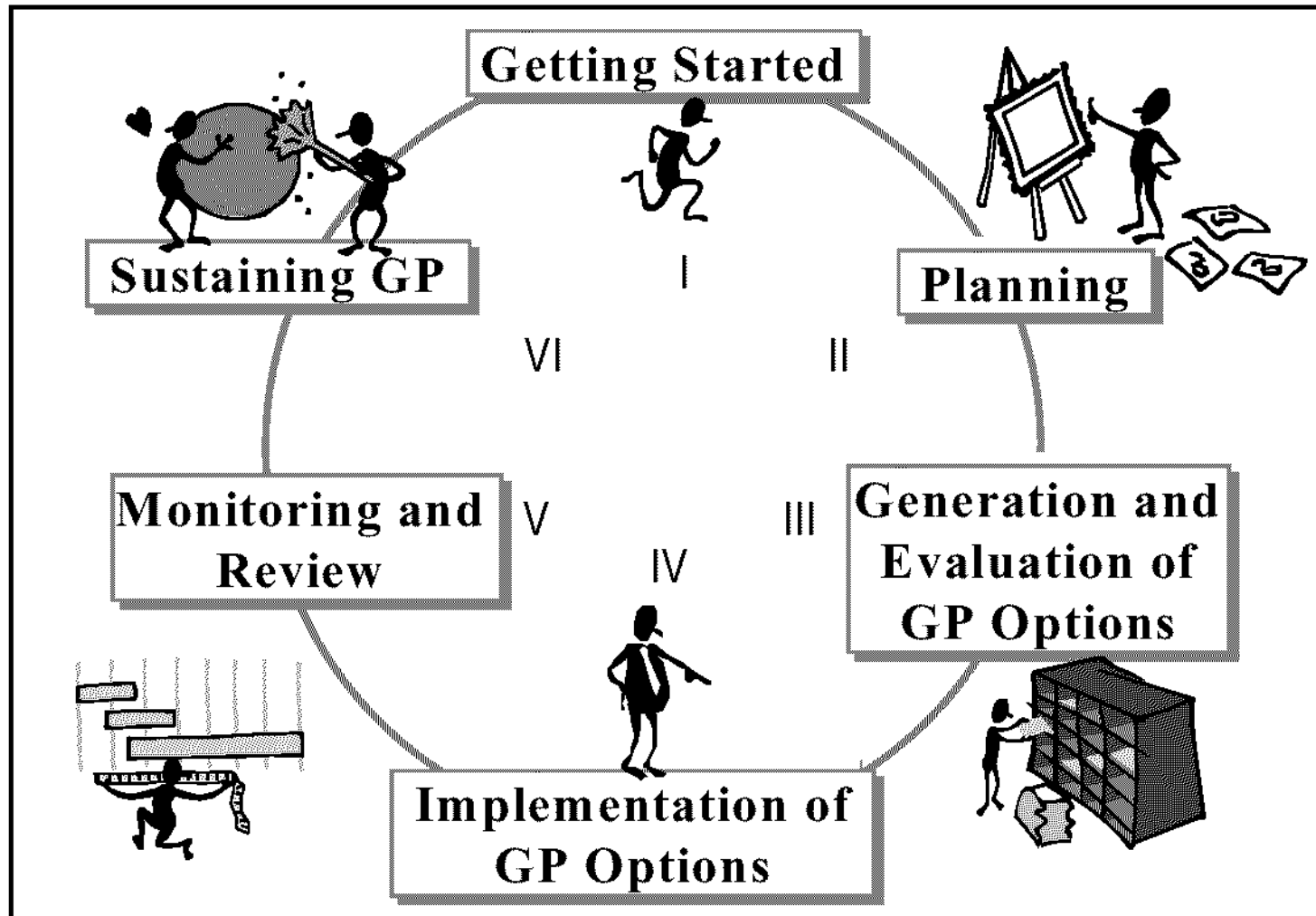
The different between **Energy Conservation** and **Energy Efficiency**:-

Energy Conservation only means using less energy without any notion about productivity or production

Energy Efficiency means using less energy while maintaining the same amount of production



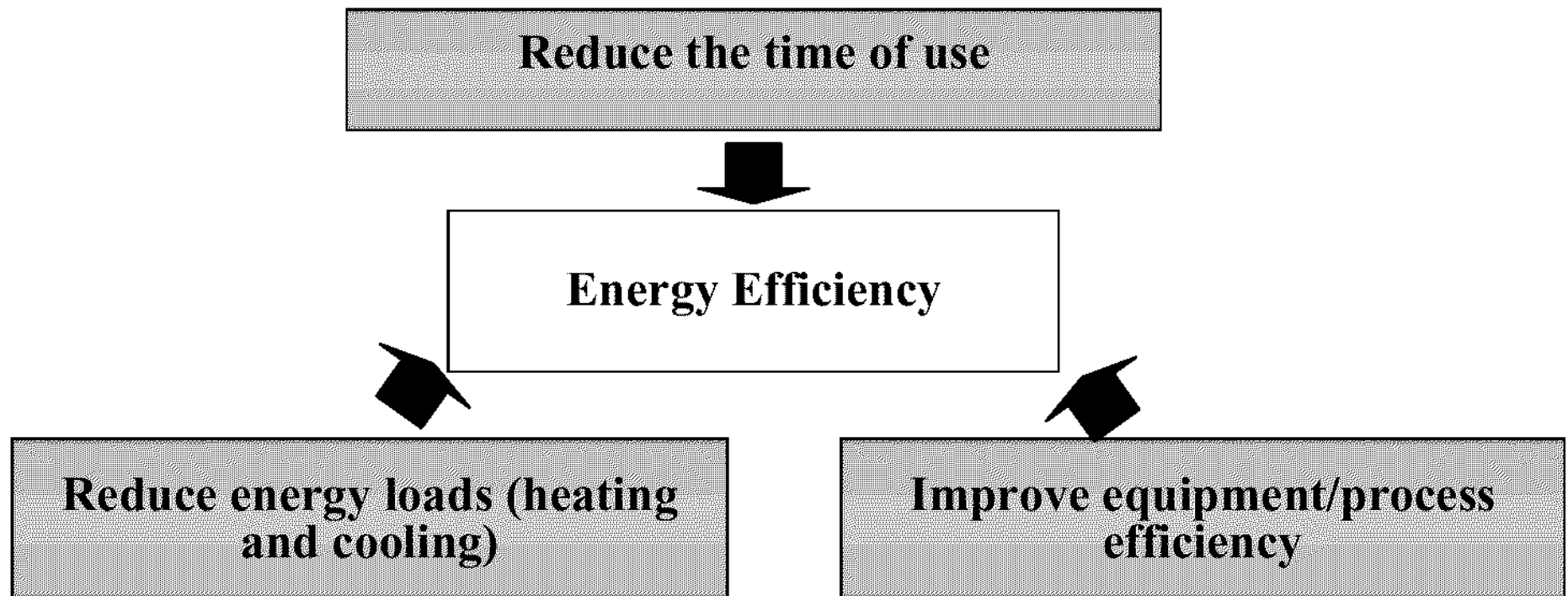
GP Methodology





Energy Efficiency Concepts

Three broad measures can be used to improve the energy efficiency of an organization:-





Reliability Centred Maintenance

- Training has now been conducted in all Asian sites, except Shah Alam
- The Project Charter has been developed to guide project introduction, including critical KPI's

Team Charter	
Project: Implementation of RCM/RCM methodology across Ansell Project Lead: [Name] Team Lead: [Name] Team Members: [List of team members] Project Objectives: [List of objectives] Project Scope: [List of scope items] Project Risks: [List of risks] Project Deliverables: [List of deliverables] Project Milestones: [List of milestones] Project Budget: [List of budget items] Project Status: [List of status items]	Project Description: [List of description items] Project Justification: [List of justification items] Project Benefits: [List of benefits items] Project Challenges: [List of challenges items] Project Opportunities: [List of opportunities items] Project Risks: [List of risks items] Project Deliverables: [List of deliverables items] Project Milestones: [List of milestones items] Project Budget: [List of budget items] Project Status: [List of status items]

No.	KPI	Unit		Annual	YTD	Actual						Forecast					
						July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
1	Engineering Downtime (ie Unplanned)	%	Target Act. Time														
2	Maintenance Expense	\$	Target Act. Time														
3	Spare part inventory (total piece)	days	Target Act. Time														
4	Planned Downtime	%	Target Act. Time														
5	TRACC Assessment Score	Average	Target Act. Time														

Remark:

1. Downtime will measure on pilot machine which were selected and implemented RCM program only.
2. Any type of downtime calculated against total machine time (ie 100% uptime)
3. Maintenance expense will be calculated from actual incurred in a month. And to apply US dollar term in every place.
4. Inventory days for month = $\frac{\text{Closing Inventory at end of month} \times 30}{\text{Consumption from 3 previous month}}$
5. TRACC assessment score, to use average score from assessment in DigITRACC program (or find copy if software is not available)

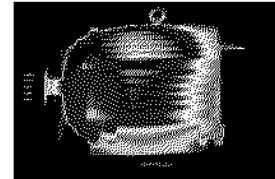
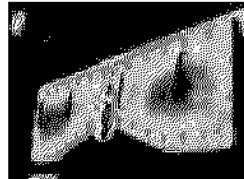
- Strategy Team has been introduced to ensure Standardised roll-out
- RCM teams running in all Asian sites, except Shah Alam
- Two day Follow-Up visits to assess implementation and develop future Action Plans will be conducted early FY08



- Reliability Centred Maintenance

Condition Monitoring

- Infra-red Thermography



- Vibration Analysis
- Ultrasonic Analysis
- Oil Analysis
 - Samples taken from transformers and hydraulic systems at all Malaysian sites and sent for analysis
 - Programme roll-out during future CM site visits



- Reliability Centred Maintenance
- Condition Monitoring

Natural Gas Boiler Conversions

- Completed in all Asian sites where Natural Gas is available:-
 - Shah Alam
 - Melaka
 - Kedah
 - Bangkok



- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions

Introduction of Economisers and Flue Gas Recovery Systems

- Introduced into the following sites:-
 - Shah Alam
 - Melaka
 - Kedah
 - Bangkok
- More sites to follow



- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions
- Introduction of Economisers and Flue Gas Recovery Systems

Introduction of Sequential Control System (SCS)

- 1st Level of SCS was implemented at Ansell sites as follows:-
 - *May 2006* – Kedah Compressed Air Sequential Controller System installed
 - *September 2006* – Kedah Air Sequential Controller replicated in Melaka
 - *November 2006* – Kedah Chiller Sequential Controller System installed



Introduction of Sequential Control Systems (SCS) Cont.

- 2nd Level of SCS was implemented in Bangkok in *April 2007*
- Sri Lanka calculations and feasibility study is in progress with the Sanction to be raised soon
- More sites will follow soon



- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions
- Introduction of Economisers and Flue Gas Recovery Systems
- Introduction of Sequential Control Systems (SCS)

Direct Digital Combustion Control

- DDCC installation for Sri Lanka Boiler – first installation in Sri Lanka was in September 2006
- Feasibility study currently being conducted in the following site base on the Sri Lanka installation experience:-
 - Melaka
 - Kedah
 - Shah Alam
 - Bangkok



- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions
- Introduction of Economisers and Flue Gas Recovery Systems
- Introduction of Sequential Control Systems (SCS)
- Direct Digital Combustion Control

Absorption Chiller Installations

- First installation completed in Melaka on 11th December 2006
- Second installation in Melaka completed in April 2007
- Feasibility studies currently being conducted in:-
 - Kedah
 - Shah Alam
 - Bangkok



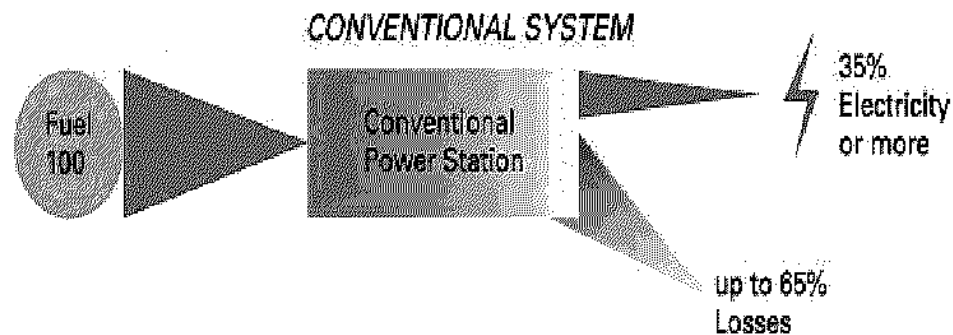
- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions
- Introduction of Economisers and Flue Gas Recovery Systems
- Introduction of Sequential Control Systems (SCS)
- Direct Digital Combustion Control
- Absorption Chillers Installations

Co-Generation Projects

- Feasibility study completed in Melaka
- Sanction preparation completed and submitted
- Co-Generation Licenses applied for from Energy Commission
- Feasibility studies underway in Kedah and Shah Alam

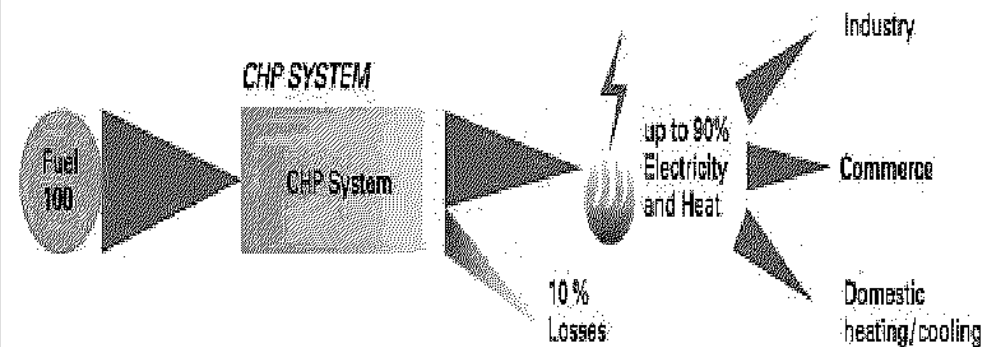
Documented Benefits of Co-Gen

Typical conventional power generation scheme:



Typical Cogeneration Scheme

(Combined Heat and Power):





- Reliability Centred Maintenance
- Condition Monitoring
- Natural Gas Boiler Conversions
- Introduction of Economisers and Flue Gas Recovery Systems
- Introduction of Sequential Control Systems (SCS)
- Direct Digital Combustion Control
- Absorption Chillers Installations
- Co-Generation Projects

Reassessment of Equipment and Set Temperatures (compressed air, heating & cooling)



Reassessment of Equipment and Set Temperatures (air compressors, heating & cooling)

- Assessments of compressed air and chiller piping system completed with recommendations submitted to:-
 - Kedah
 - Bangkok
 - Surat Thani
 - Melaka
 - Bangalore
 - Bermudez
- Ring main improvements currently being completed in Surat Thani, resulting in the reduction of pressure drops across the piping network
- Compressed air ring main's already completed in:-
 - Kedah
 - Melaka
 - Bangkok



The Results...

Less Energy, More Wealth

Good for the Environment,

Good for the Bottom-line !



Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka

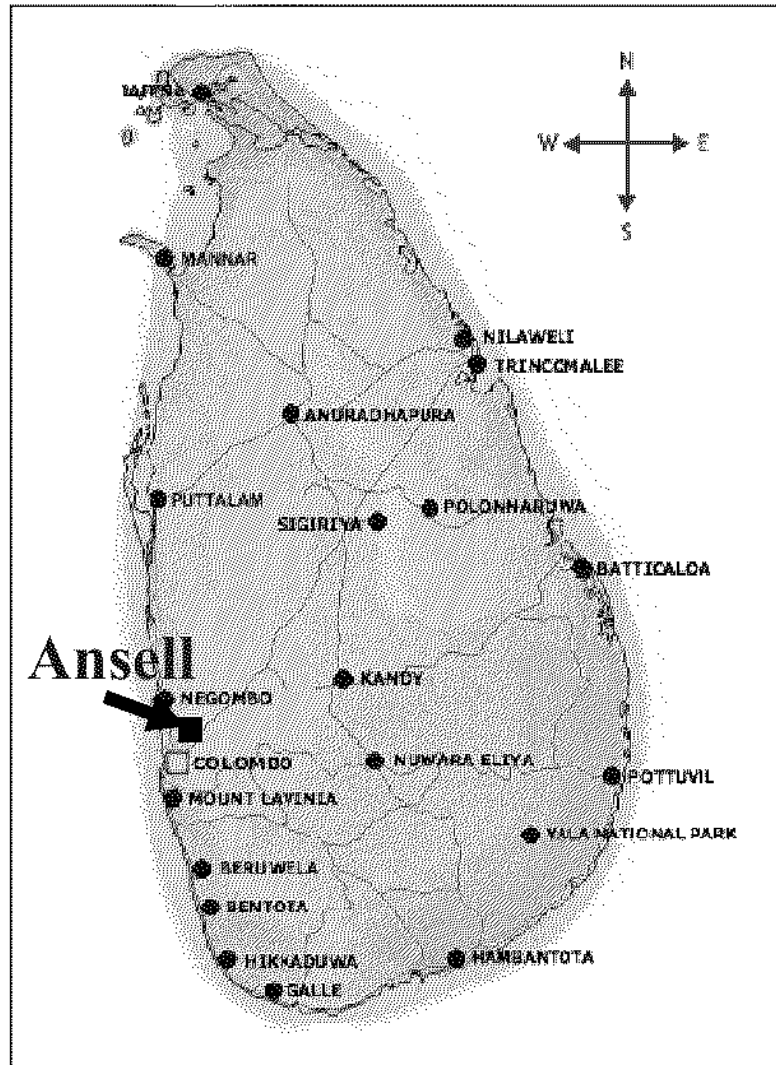


**Ansell Lanka Welcomes
Plant Visitors
26th April 2007**



Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka



Country Population

:19 Million

Country GDP

:US\$16 Billion

Literacy Rate

:92%

Annual Latex Production

:37,000 DMT

Nearest Port

:Colombo (20 km from plant)

Nearest Airport

:BIA (20 km from plant)

**Ansell Lanka (Pvt) Ltd.****Country: Sri Lanka**

Established	:	1989
Investment in Plant/Equipment	:	Approximately US\$ 60 Million
Owned/Leased	:	Fully owned
Equity Share	:	100% Ansell
Land Area	:	26 Acres
Built-up Area	:	around 272,000 sq ft.
Ansell Divisions supported	:	Professional & Occupational
Headcount as of March 2007	:	Approximately 1,900
Key Products	:	Professional: Surgical Powdered, Surgical Powder Free, Synthetic Powder Free Occupational: General Purpose, Chemical Resistant

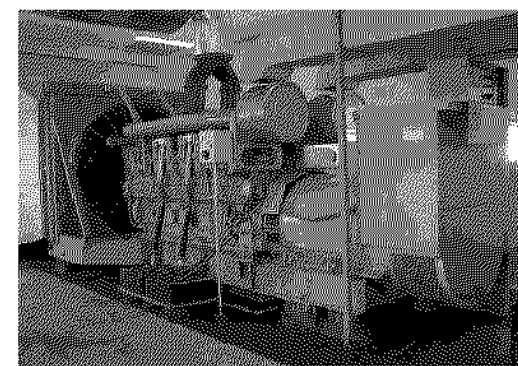
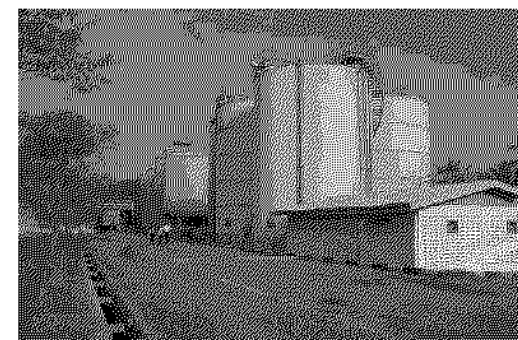


Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka

Technology / Plant Area

1. Material Storage - Bulk Latex storage Tanks
2. Compounding (PHC/OHC)
3. Dipping (PHC) - Surgical (Powder/PF)
- Examination
4. Dipping (OHC)
 - For HyFlex® family, Scorpio®, Sol-Knit™
 - Robots used in obtaining complicated dipping geometries of gloves.



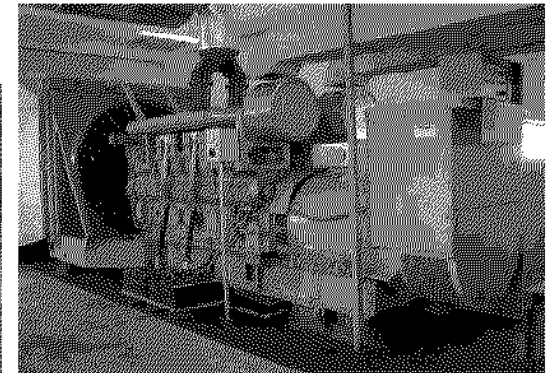


Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka

Technology / Plant Area

5. Packing – PHC - Surgical Packing Lines
- TNT Layer Lines
6. Engineering Services
Boiler / Stand By self Generator capacity /
Chiller Systems / Compressor Systems
7. Sterilization Facility
8. Effluent Treatment – In House Treatment facilities & Central
BOI facility
9. Support Services – QA \ Finance \ Logistics \ HR \ IT



**Ansell Lanka (Pvt) Ltd.****Quality Certifications****Country: Sri Lanka**

1991 – Feb	BS 5750 & BSI registration
1991 – Jun	Medical device Agency (DHSS) UK
1991 – Oct	US FDA registration
Since 1991	US FDA pre-market approvals
1991 – Dec	BSI Kite mark for Gammex® (Surgical Gloves)
Since 1993	TUV Germany – Product certificate
1995 – Feb	BS EN ISO 9002; 1994 (BSI)
1995 – May	CE Mark / BSEN 46002; 1993 (BSI)
1997 – Jan	NF Mark for Sensi Touch® (AFNOR)
2000 – Jul	ISO 9001; 1994 (BSI)
2002 – Jun	ISO 13485; 2000
2003 – Mar	ISO 9001; 2000
2003 – Mar	EN 552; 1994
2004 - Sep	ISO 13485; 2003



Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka

Recent Key Milestones

- June 2001 – Introduction of HyFlex®
- July 2001 – Transfer in of Massillon NRL surgical glove
- Dec 2002 – Introduction of NRL PF Surgical Products
- July 2005 – Conversion of PFC latex exam line to nitrile
- Dec 2005 – Introduction of SureFit™ technology to NRL PF Surgical Range
- June 2006 – Project completion for PF Synthetic Surgical products
- July 2006 – Conversion of 2nd Occupational line to HyFlex®
- Jan 2007 – Occupational line modifications to facilitate Ansell Grip Technology™



Ansell Lanka (Pvt) Ltd.

Country: Sri Lanka

Recent Major Investments

Investments in:

- **Capacity expansions/new technology**
- **Energy Conservation/Asset care programs**
- **Environmental protection (ETP upgrade)**

Targeting to obtain ISO 14001 in year 2009

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