



TAIKISHA'S INDIA COMPANY PROFILE

Paint finishing system & factory utility installation business



Company Profile:

A-Taikisha Engineering India Pvt. Ltd (TEI) - It is Indo-Japan Joint Venture Company with M/s Taikisha Ltd, Japan. M/s Taikisha is Japanese public limited company of high brand operating global wise. TEI joint venture formed in 1995 but Taikisha Japan was operating in India from 1982 when Maruti Suzuki started. In 1995 TKS Japan considered forming Indian Joint Venture Company. This Indian company has holding 40% Indian & 60% Japanese equity share.



Company Profile:

- **B-Profile of M/s. Taikisha Engineering India Pvt. Ltd. - Pune Factory.**

TEIL Pune factory Plot admeasuring 57,937.72 m² qualified as non-agricultural (NA) land meant for industry. TEI has built-up factory area of 10,000 m² spread over 5 shops along with paint shop and well equipped office area of 350 m². TEI has also inbuilt records room admeasuring 150 m². TEI undertakes Turnkey Paint shop Projects all over India as well as decided to get into business diversification in the field of infra structure like Power Transmission, Railway Projects, and metro projects.

- **TAIKISHA ENGINEERING INDIA PVT LTD CERTIFIED ISO 9001:2008 .**
- **TAIKISHA ENGINEERING INDIA PVT LTD CERTIFIED EN-15085-2 CL-1.**

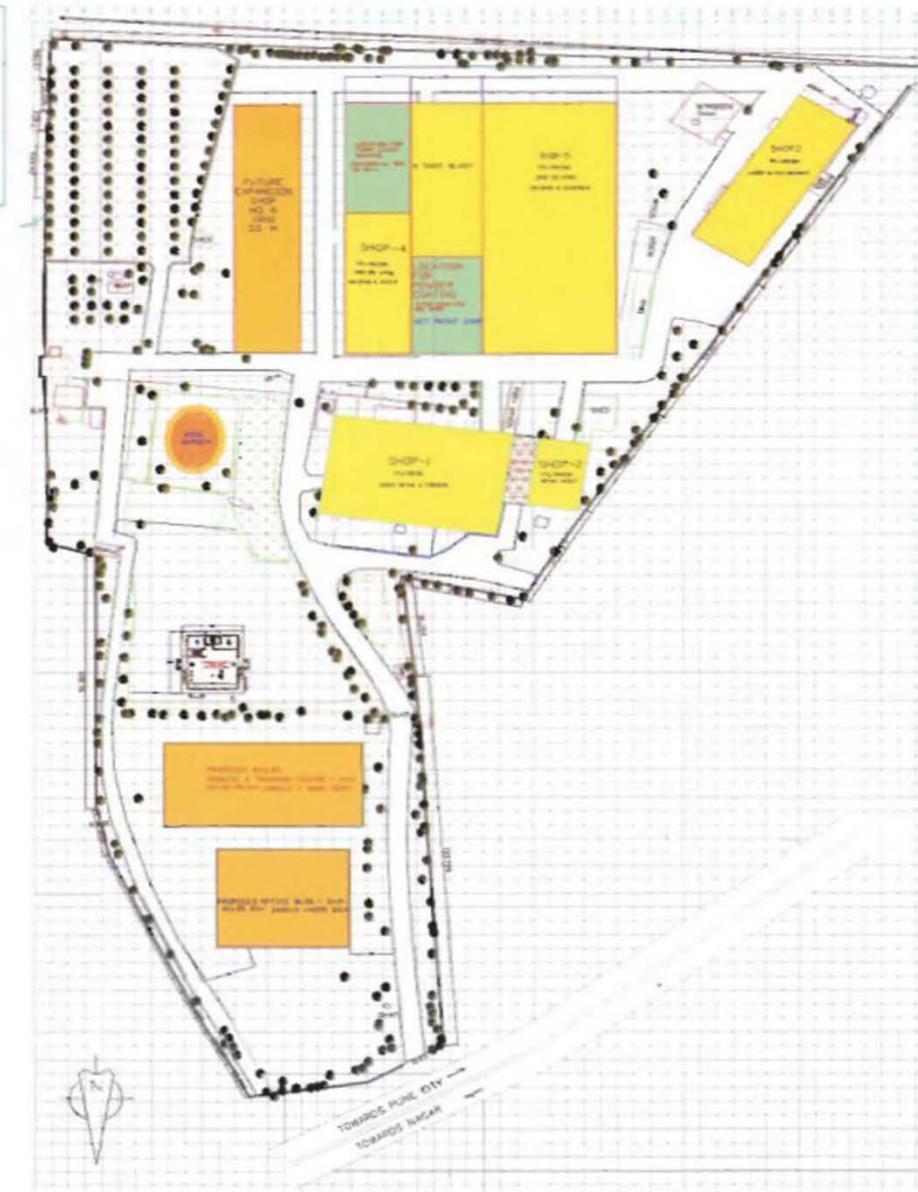


TAIKISHA ENGINEERING INDIA LTD., PUNE FACTORY

TEI PUNE FACTORY LAYOUT

FRUIT PLANTS—80 NO'S

1. MANGO
2. JACKFRUIT (LIKE DURION FRUIT)
3. GUAVA
4. LEMON
5. BLACK BERRY (JAV)
6. ALMONDS
7. GOOSE BERRY
8. ARECA NUT



LEGEND

EXISTING PRODUCTION SHO

PROPOSED EXPANSION-FOR POWDER COATING & FIBRE LASER

FUTURE EXPANSION

DATE : 08-03-2013

SCALE: 1:10000



BUSINESS DIVERSIFICATION – LASER DIVISION MILESTONES

▪ START OF LASER DIVISION	1 ST OCTOBER 2009
▪ INSTALLATION OF LASER MACHIIINE L-5040	31 ST AUGUST 2009
▪ INSTALLATION OF TRUBEND 3180	22 ND MAY 2010
▪ INSTALLATION OF 2 ND LASER MACHINE L3030	15 TH JANUARY 2011
▪ INSTALLATION OF ARKU FLAT MASTER	24 TH OCTOBER 2011
▪ INSTALLATION OF 2 ND BENDING MACHINE 400 TON	11 TH NOVEMBER 2011
▪ WELDING CERTIFICATION OF EN-15085-2 CLASS 1	19 TH NOVEMBER 2011
▪ ISO 9001:2008 RE-CERTIFICATION UPTO 2015	13 TH OCTOBER 2012
▪ INSTALLATION OF ROLLING MACHINE	30 TH OCTOBER 2013
▪ CERTIFICATION OF EHS AND OHSAS	DECEMBER 2013



CUSTOMER BASE (SEGMENTWISE)

- ACCOUSTIC ENCLOSURE MANUFACTURER
- AIR EXHAUST SYSTEMS FOR GAS TURBINES
- AGRICULTURE
- AUTO ANCILLARY UNITS
- EARTH MOVING EQUIPMENTS
- HOME APPLIANCES
- METRO RAIL
- PARKING SYSTEM MANUFACTURER
- PETROCHEMICAL AND REFINERIES
- PRECISION TEXTILE MACHINERY PARTS
- TRACTION TRANSFORMER TANKS



TAIKISHA ENGG INDIA PVT. LTD., PUNE – LASER DIV.



BOMBARDIER
TRANSPORTATION
Metro Rail



Enriching Lives





TAIKISHA ENGG INDIA PVT. LTD., PUNE

FACILITIES AT TAIKISHA



TAIKISHA ENGG INDIA PVT LTD., PUNE

Shearing Machine



Bending Machine



Laser Machine TruLaser 3030, 5040





TAIKISHA ENGG INDIA PVT. LTD., PUNE



TRU-BEND 3180



Flat Master 55125



NEW INVESTMENT

**INCREASING INFRASTURURAL
CAPACITY – ADDTION OF NEW
ROLLING MACHINE FOR
MANUFACTURE OF MOLD BOTH
ROUND AND CONCIAL**



NEW MACHINERY – ROLLING MACHINE





TECHNICAL SPECIFICATIONS OF AKYAPAK AHS 20/06-08 mm HYDRAULIC 4 ROLLER PLATE BENDING MACHINE

Working Length (L)	2100 mm
Maximum Thickness (\varnothing min = Top roll \varnothing x 3)	8 mm
Pre-bending (\varnothing min = Top roll \varnothing x 3)	6 mm
Top Roll \varnothing	160 mm (42CRMO4 RAW MATERIAL) QUENCHED AND TEMPERED FOR THE TOP ROLL
Bottom Roll \varnothing	170 mm
Side Rolls \varnothing	150 mm
Hyd. Motor Power	3 KW
Length	4042 mm
Height	1254 mm
Width	1380 mm
Weight	3290 kg



TAIKISHA ENGG INDIA PVT. LTD., PUNE

**WET PAINTING
FACILITIES AT
TAIKISHA**



Process of Paint Shop

- a) Degreasing**
- b) Abrasive blasting**
- c) Paint mixing**
- d) Painting**
- e) Baking**



TAIKISHA ENGG INDIA PVT. LTD., PUNE

MODERN PAINT SHOP WITH SHOT BLASTING AND BAKING HAS BROUGHT CRITICAL PROCESS OF PAINTING UNDER ONE ROOF IN MARCH 2013





Degreasing is important process to avoid the contamination of shot blasting media with the traces of oil and grease on the metal surfaces. Generally surfaces are wiped with the solvents/thinners and cleaned with high pressure water jet to remove the oil traces



SHOT BLASTING FACILITY



Abrasive blasting : surface is blasted with metallic abrasive @ 4 -6 bar pressure to increase the surface area which results in increase of bonding between paint & surface. Typical roughness of surface is around 25-70 μ . Air pressure for thinner surface is around 2-3 bar while blasting. Metallic abrasive used for blasting is Profilium 58 angular shape.

SHOT BLASTING BOOTH SIZE:

Length – 9.0 meters

Width – 4.0 meters.



PAINT BOOTH



Painting : Gravity feed cup gun, pressure pot cup gun is used for painting @ 3-5 bar air pressure. Maintaining relative humidity up to 75 % with the help of air Supply Unit(ASU).Booth is down draft type with water curtains on booth the side.

PAINT BOOTH SIZE:
Length – 8.0 meters
Width – 3.8 meters.



DOWN DRAFT PAINT BOOTH



Paint booth is provided with adequate lighting ,handling trolleys and spray platforms to work comfortably.



BAKING OVEN



**Baking Oven used for force dry the paint. LPG fired baking oven,
Maximum temperature range up to 230 degree C.**

OVEN BOOTH SIZE :
Width – 3.00 meters
Length - 9.00 meters.



TAIKISHA ENGG INDIA PVT. LTD., PUNE

**EFFLUENT TREATMENT PLANT FOR TREATMENT OF PAINTSHOP WASTE WATER -
INVESTMENT RS.4.9 LACS**



**CAPACITY – 10 CU.M.
/DAY (PAINT)**



TAIKISHA ENGG INDIA PVT. LTD., PUNE



TEIL – A MEMBER OF MEPL FOR DISPOSAL OF PAINT WASTAGE

INVESTMENT IN GETTING
MPCB CONSENT AND A
MEMBERSHIP OF MEPL RS.6
LACS

MAHARASHTRA ENVIRO POWER LTD

This is to certify that: M/S. TAIKISHA ENGINEERING INDIA LTD, Address: Gat No. 321/323, Village Kondhapuri, Tal - Shirur, Pune - 412209, is a Valid member of CHWTSDF (As per MOU with MIDC & MPCB), at Plot No. P-56, Ranjangaon MIDC, Taluka - Shirur, Pune - 412209.

Membership No. : MEPL/CPT126

Membership Period: 31 August 2013 to 30 August 2018

For Maharashtra Enviro Power Ltd.



CG Lalitha
Authorized signatory

Sonali
Marketing Coordinator

An "ENVIRONMENTAL LABORATORY"

Recognised by Ministry of Environment & Forests, New Delhi, Notification Dated April 5, 2011

CHWTSDF : Plot No. P-56, Ranjangaon, Tal. Shirur, Dist. Pune, Pin-412220. Ph.: +91-2138-670352, Telefax : +91-2138-670350
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E-mail : marketing.mepower@gmail.com Web : www.smsenvocare.co.in www.smsl.co.in
Marketing Office (Abd) : Bharat Bazar, Commercial Complex, I-Wing, 2nd Floor, No. 401, Compound No. 100, A/2, A/3, A/4, A/5, A/6, A/7, A/8, A/9, A/10, A/11, A/12, A/13, A/14, A/15, A/16, A/17, A/18, A/19, A/20, A/21, A/22, A/23, A/24, A/25, A/26, A/27, A/28, A/29, A/30, A/31, A/32, A/33, A/34, A/35, A/36, A/37, A/38, A/39, A/40, A/41, A/42, A/43, A/44, A/45, A/46, A/47, A/48, A/49, A/50, A/51, A/52, A/53, A/54, A/55, A/56, A/57, A/58, A/59, A/60, A/61, A/62, A/63, A/64, A/65, A/66, A/67, A/68, A/69, A/70, A/71, A/72, A/73, A/74, A/75, A/76, A/77, A/78, A/79, A/80, A/81, A/82, A/83, A/84, A/85, A/86, A/87, A/88, A/89, A/90, A/91, A/92, A/93, A/94, A/95, A/96, A/97, A/98, A/99, A/100, A/101, A/102, A/103, A/104, A/105, A/106, A/107, A/108, A/109, A/110, A/111, A/112, A/113, A/114, A/115, A/116, A/117, A/118, A/119, A/120, A/121, A/122, A/123, A/124, A/125, A/126, A/127, A/128, A/129, A/130, A/131, A/132, A/133, A/134, A/135, A/136, A/137, A/138, A/139, A/140, A/141, A/142, A/143, A/144, 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TAIKISHA ENGG INDIA PVT. LTD., PUNE

VARIOUS PRODUCTS DEVELOPED BY TAIKISHA



“ Product Range: Transformer tank for high speed metro developed first time in INDIA



Transformer tank for high speed
metro rail



Transformer tank for high speed
metro rail



TAIKISHA ENGG INDIA PVT. LTD., PUNE

MRVC TANK





TAIKISHA ENGG INDIA PVT. LTD., PUNE

AZH TANKS





**CLEAN AIR
SYSTEM**





TAIKISHA ENGG INDIA LTD., PUNE

THERMAL REACTOR PHOTO (PLACED INSIDE THE CLADDING)





TAIKISHA ENGG INDIA PVT. LTD., PUNE

BASE FRAME





MOLD PHOTOS





TAIKISHA ENGG INDIA PVT. LTD., PUNE

MOLDS





TAIKISHA ENGG INDIA PVT. LTD., PUNE

INTRODUCTION OF CNH TO TAIKISHA



PROGRESS WITH CNH

- Visit initiated by our Mr.Sudhir Salunke, Sr. Manager (Manufacturing) TEIL Vadodara to your Pithampur plant in AUGUST 2012 to cater the needs of fabricated assemblies required for Backhoe Loader and Vibratory Compactors of CNH Pithampur.
- Mr.Sudhir Salunke assured business from upcoming CNH, Pune plant for harvester manufacturing at Pune.
- 08th March 1013 supplier information along machinery, standards followed and details of inspection/testing equipments submitted.
- 11th March 2013 first visit by Mr. Harvinder Jit Singh, Purchase - New Holland Fiat India and RFQ received for engine box.
- PSA (Potential Supplier Assessment) conducted on 08th April 2013 by Mr. Vinod Tewari, Purchase –SQE - Taikisha scored 69.3 %.
- Meanwhile Taikisha submitted offer for sugarcane harvester parts, crop divider assembly, etc.

Contd....



Contd....

PROGRESS WITH CNH

- **6th June 2013** Mr.Deepak Sharma showed genuine interest and informed CNH has different crop projects in pipeline which requires heavy fabrication job and matching with infrastructure /capability of Taikisha viz. sugarcane harvester A4000 - A5000, cotton picker parts.
- **11th July 2013 – 1st Purchase Order for prototype development of cotton picker – 1 set received by Taikisha.**
- **13th August 2013 – Taikisha passed PSA Re-audit scoring 84%.**
- **20th September 2013 – Invoice raised for supply done to CNH for Rs.0.98 lacs.**
- **23rd September 2013 – TEIL team visited M/s.Dran Engrs. for CNH tooling trial.**
- **5th October 2013 – TEIL received tooling fixture from M/s.Dran for CNH parts and installed at Taikisha premises (Shop No.5)**



TAIKISHA ENGG INDIA PVT. LTD., PUNE

**MANUFACTURED BY
TEI PUNE FOR CNH**



TAIKISHA ENGG INDIA PVT. LTD., PUNE

CNH SUGAR CANE HARVESTER ENGINE BOX





TAIKISHA ENGG INDIA PVT. LTD., PUNE

**SPACE ALLOTTED FOR
CNH FIXTURES**



TAIKISHA ENGG INDIA PVT. LTD., PUNE



**CNH FIXTURES
INSTALLED AT TAIKISHA
PREMISES
SPACE ALLOTTED TO
CNH FIXTURES 300
SQ.MTR.**



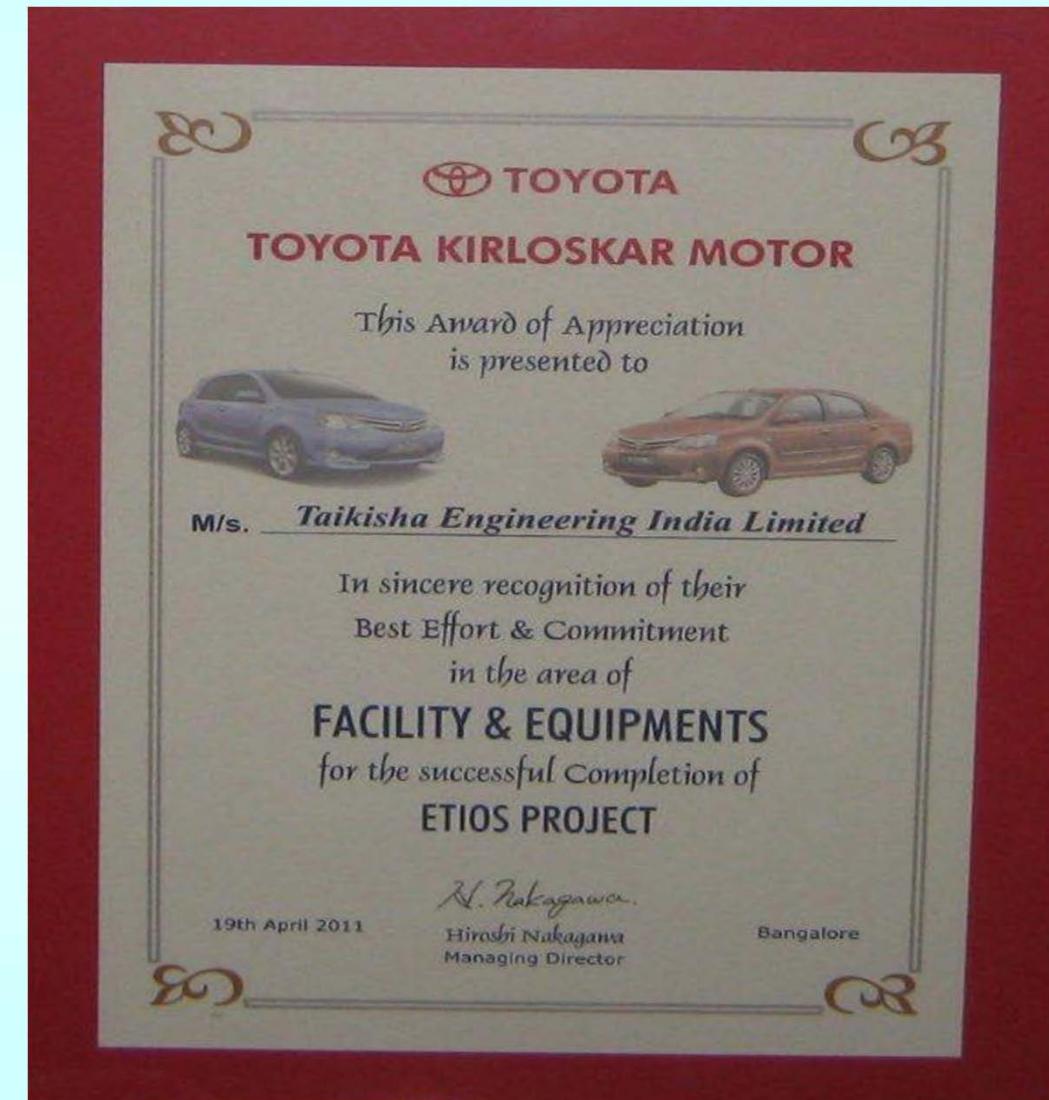


TAIKISHA ENGG INDIA PVT. LTD., PUNE

ACHIEVEMENTS



Awards from Client !





TAIKISHA ENGG INDIA PVT. LTD., PUNE

CERTIFICATE OF APPRECIATION
RECEIVED AT SUPPLIER MEET
OF KOEL, PUNE ON PROCESS
IMPROVEMENT





ACHIEVEMENTS - CUSTOMER APPRECIATION

- Invitation from GE India to attend their Supplier Conference at GE India at 'One GE India Suppliers Conference'.



imagination at work

One GE
India Suppliers Conference
Pune, 2013



TAIKISHA ENGG INDIA PVT. LTD., PUNE

**CERTIFIED FOR
ISO 9001:2008
AND
EN15085**



TAIKISHA ENGG INDIA PVT. LTD., PUNE

ISO 9001:2008 CERTIFICATION



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 62155-2009-AQ-IND-RvA Rev. 01

This is to certify that

TAIKISHA ENGINEERING INDIA LTD.

at

Gat No. 321-323, A/P-Kondhapuri, Tal-Shirur, Pune - 412 209, INDIA

has been found to conform to the Quality Management System Standard:

ISO 9001:2008

This certificate is valid for the following scope:

**MANUFACTURE AND SUPPLY OF PAINTING EQUIPMENTS LIKE
PAINT BAKING OVEN, BOOTH, BURNER CHAMBER, SS TANK,
MS TANK, FILTER FRAME, HEAT EXCHANGER AND
FABRICATION OF SHEET METAL COMPONENTS**

Initial Certification date:

06 October 2009

Place and date of issue:

Chennai, 13 October 2012

This Certificate is valid until:
05 October 2015

for the Accredited Unit:
DET NORSKE VERITAS CERTIFICATION B.V.,
THE NETHERLANDS

*The audit has been performed under the
supervision of:*

Manish Lale
Lead Auditor




Bhupalam Ajit
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement & the annexure to this certificate may render this Certificate invalid.

DET NORSKE VERITAS CERTIFICATION B.V., Zwolseweg 1, 2994 LB Barendrecht, The Netherlands, TEL: +31 10 2922 688 - www.dnv.com / www.dnv.nl
ISSUED BY: DET NORSKE VERITAS AS, EMGEEN CHAMBERS, 10, C.S. I. ROAD, SANTACRUZ (E), MUMBAI-400 098, INDIA - www.dnv.com / www.dnvindia.com



EN15085 CERTIFICATION



C E R T I F I C A T E

Welding of railway vehicles and components according to
EN 15085-2

This is to certify that **TAIKISHA ENGINEERING INDIA LTD**

Gate-No: 321/323, Village Kondapuri, Tal-Shirur, Dist-Pune
IN-412209 Pune - India

is qualified to perform welding work within the range of certification of:

Certification level CL1 according to EN 15085-2

Field of application: no details

Range of certification

Welding process according to DIN EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
131	22 22	t = 1 - 4 mm t = 3 - 16 mm	BW FW
135	8 1.2 1.2, 8	t = 1 - 12 mm t = 1 - 25 mm t = 2.1 - 24 mm	FW FW BW
141	1.2, 8 1.2, 8	t = 1 - 7 mm t = 2.1 - 24 mm	FW BW
212	8	t = 1.5 - 4 mm	J.
786	8	D = 6 mm	J.

Responsible welding coordinator: Mr. D. Balamurugan (IWE) [external]

born: 19.09.1977

Deputy with equal rights: -

Deputy: see reverse

Comments: see reverse

Certificate no.: TÜVRh/15085/CL1/255/1A1/11

Valid: from 30.01.2013 to 29.01.2014

Issued on: 30.08.2013

Auditor: NORDHAUSEN

General regulations (see reverse)

Clearon
Achim Makowka
head of certification body





EHS POLICY EHS CERTIFICATION UNDER PROCESS



TAIKISHA ENGINEERING INDIA LTD.

ENVIRONMENT, HEALTH AND SAFETY (EHS) POLICY

As an integrated part of our business philosophy, we are committed to conserve the environment and provide a safe and healthy workplace.

Towards this, we shall:

- Incorporate EHS considerations in all business decisions.
- Ensure compliance to statutory and other requirements.
- Prevent adverse environmental impacts, occupational health and safety risks.
- Conserve natural resources;
- Minimize waste generation and environmental emissions.
- Impart structured trainings for employees and stakeholders for effective EHS performance enabling them to take responsibility in accordance with the particular needs inherent to their activities.
- Encourage effective communication, consultation and collaboration with all stakeholders.
- Ensuring eco-friendly waste management practices in our processes
- Continuously promoting Safety, occupational Health & Environmental awareness among all people working at our location on our behalf and making this policy available to interested parties
- We shall strive for continual improvement for in our EHS performance
- Working safely is everyone's responsibility and accountability.
- We shall make this policy available to all employees and interested parties.

N.A. MAKAWANA.

RESIDENT DIRECTOR

Date: 01 APRIL 2013

Place: Pune



TAIKISHA ENGG INDIA PVT. LTD., PUNE

CONTRIBUTION TO SOCIETY



PLANTATION ACTIVITY





TAIKISHA ENGG INDIA PVT. LTD., PUNE

CORPORATE SOCIAL RESPONSIBILITY (CSR)

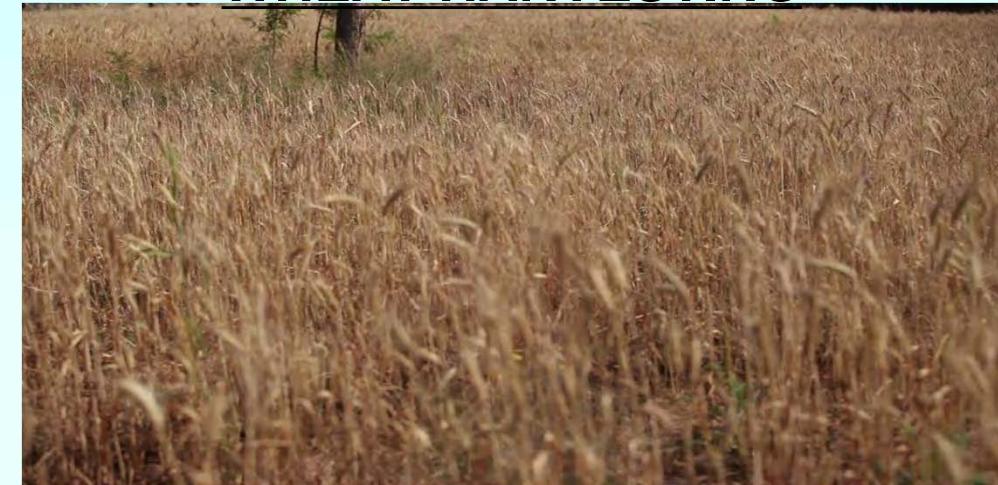
WHEAT CROP



SEGREGATING HUSK AND WHEAT



WHEAT HARVESTING



DONATING WHEAT TO ORPHANGE





TEIL DIRECTORS WITH KONDHAPURI, PUNE STAFF



