



Training Profile



WE GET REWARDED FOR OUR DELIVERIES

**Quality
Management
Services**

An ISO9001:2008 Certified Organisation



Consultants, Auditors, Trainers in HRD, Quality, Environment,
TPM, API Systems,
Consultants for Risk Assessment, HAZOP, Rapid Risk Analysis,
Risk Modeling, water audit, energy audit etc

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Company Profile

Working since 1998 with a vast & Varied Expertise and Knowledge of Industrial Processes/ Operations/ Facilities in Automotive, Engineering, Continuous Process industries such as, Cement, Mining (Underground/ Opencast) Gas Pipelines, Chemical, Food, , heath care, IT, Service Sectors etc ,

for

Process improvements Training , Process documentation, Environmental Impact Assessment, risk assessments, Env. and other safety related legal requirements, Environmental & safety Management Plans, EHS legal compliances, Environment, OHS, Quality, measurement / monitoring, analysis and interpretation of data in relation to environment, safety & quality management and other systems

Competency areas for Trainings

Quality

- Quality systems implementation: ISO9001/ TS 16949/ISO29001
- Sector specific requirements such as AS9100, TL9000, IRIS etc, VDA6.1, AAR etc
- Daily Work Management , 5-S And Workplace Management System
- Lean Manufacturing, Value Stream Mapping
- Six Sigma, balance score card- YELLOW BELT, GREEN BELT , BLACK BELT
- Statistical Processes controls,(basic & advance)
- Quality Function Deployment(QFD)
- APQP, PPAP etc
- DFMEA/ PFMEA
- MEASUREMENT Sytem & Uncertainty
- Process Mapping, Process Auditing and Validation
- Food Safety Management System ISMS ISO22000
- 8D-Team Oriented Problem Solving and 7 QC Tools
- Total Quality Management (TQM)
- Total Productive Maintenance (TPM)
- Deming Methods of Quality Improvement



Competency areas for Trainings

EHS

- EHS general awareness
- Internal audit Safety systems implementation: OHSAS18001
- Internal audit Environment systems implementation: ISO14001
- Internal EHS Auditor course (ISO14001& OHSAS18001)
- Internal IMS Auditor Course (ISO9001/ISO16949, ISO14001, OHSAS18001)
- Risk Assessment , HAZOP/HAZID Etc
- Environmental Risk Assessment
- Environmental Impact assessment
- Environmental/ EHS legal requirements
- Safety Training for managers
- Internal Corporate Safety guides for MNC
- Six sigma for environmental improvements



Competency areas for HR Trainings



By Associate Trainers

- Team Building.
- Know Yourself through Transactional Analysis.
- Interpersonal Relations/Human Relations.
- Power of Positive Thinking.
- Art of Living.
- Self-Development/Rainbow Life.
- Better Time Management.
- Stress Management.
- Self-Management.
- The Art of Effective Conversation/ Communication Skills.
- Management of Change.
- The Art of Public Speaking.
- Leadership in Action.
- Conflict Management.
- Goal Setting through Achievement Motivation Exercises.
- Employees' Motivation.
- Marketing Management.
- The Art of Effective Salesmanship.
- Training of Trainers.
- Work Place Improvement through 5 S, Kaizen and Quality Circles.
- Improving Work Culture and Productivity.
- How to Become Valuable Employee
- Group Discussions and Personal Interviews



WE GET REWARDED FOR OUR DELIVERIES

Our Team

| S. No. | Name | Qualification | Experience in the consulting and training field | Position |
|--------|------------------|--|---|--|
| 1 | Amit Lunia | BE(Prodn Engg), M.Tech (Env), PhD(Env. Engg-Cont.) LA ISO9001, 14001, 18001, Auditor ISO/TS 16949:2009, ISO27001, ISO22000 Lead Verifier CDM | <ul style="list-style-type: none"> 15 years consultancy and training in more than 200 organisation of in quality, Env, safety in large scale and automotive sector More than 300 mandays of training in system and tools in Quality, safety , environment etc Lead Auditor with a Certification agency | Chief Consultant-ISO9001, ISO14001, OHSAS 18001 implementation |
| 2 | RCL Meena | IFS retd | <ul style="list-style-type: none"> retired as Principal Chief Conservator of Forest from Rajasthan | Technical advisor |
| 3 | RK Agarwal | BE(Electrical) | <ul style="list-style-type: none"> 10 years Experience in Navy 25 years experience at various management positions including MR in TS16949/ ISO9001 certified company | Consultant |
| 4 | Vineet Gupta | BE(Mech), M.Tech), PhD(Env. Engg-Cont.) | <ul style="list-style-type: none"> HVAC Expert, HSE expert, 22 years consultancy and training | Associate Director |
| 5 | Snehal Kothari | B.E., ADISHE, CE, FIE, FIV, Lead Auditor OHSAS18001 | <ul style="list-style-type: none"> Chartered engineer and Valuer, 20 years consultancy and training | Associate Director |
| 6 | Ajay Katiyar | BE(Met.) LA ISO9001, 14001, 18001,22000, Auditor 13845, NABL 17025, ISO27001 | <ul style="list-style-type: none"> 15 years 200 projects of in Quality, Env, Safety in large scale and automotive sector More than 100 mandays of training in system and tools in Quality, safety , environment etc Lead Auditor with a Certification agency | Lead Consultant, documentation , Implementation, ISO9001, ISO14001, OHSAS 18001 implementation |
| 7 | Ashok Khandelwal | B.Tech(Chemical), M.Tech (Env),Diploma In Industrial Safety | <ul style="list-style-type: none"> 5 years experience in SHE experience in Automotive sector | SHE related activities |

Our Team

| S. No. | Name | Qualification | Experience in the consulting and training field | Position |
|--------|--------------------|-----------------------------------|---|---|
| 8 | Bharat Sharma | M.Tech(Env Engg) | • 1 yr experience | Preliminary data collection, Carbon foot print calculations |
| 9 | Varun Dogra | B.Tech (Mech) M.Tech(Mfg Sys) | • 1 yr experience | Preliminary data collection |
| 10 | Mahesh Jangid | M.Com, | • 5 years Experience | Accounts, Billing and Travel planning |
| 11 | BD Sharma | MSC. RFS Retd | • 40 years experience as DFO | Biodiversity Experts |
| 12 | Azad Singh Chauhan | BSc, MA, Retd RFS | • 40 years experience | Biodiversity Experts |
| 13 | Dr AK Mehta | PhD | • 20 years Experience | HR trainer |
| 14 | Pavan Jangid | MSc(Environment Sc) | • 1 yr experience | Preliminary data collection |
| 15 | Ashish Namawat | MSc(Environment Sc) | • 1 yr experience | Preliminary data collection |
| 16 | Shrawan Kumar | Mc(Environment Sc) | • 1 yr experience | Preliminary data collection |
| 17 | Chandra Shekhar | MSc(Environment Sc) | • 1 yr experience | Preliminary data collection |
| 18 | Lalit Kumar | CS(Inter) | • 2 months | Preliminary data collection |
| | | | | |

Client Profile

Training and Consulting

- Forest department, Govt of Rajasthan
- Vendata-RAM Mines
- Mahindra & Mahindra(M&M)-Automotive, Haridwar,
- M&M Tractors,, Rudrapur,
- M&M , Tractos, Jaipur Plant
- Eicher Tractors- Parwanoo
- Eicher Tractors-Alwar
- Eicher Tractors-Bhopal plant
- Ashok Leyland, Pantnagar
- Godrej Consumer Products Ltd,
- Ambuja Cement Ltd- Beawar
- Ambuja Cement Ltd- Punjab
- JK Lakshmi Cement Ltd.
- Godrej Hershey Ltd, Bhopal
- Hindustan Zinc Ltd , Dariba (IIQM)
- MICO-Bosch, Jaipur
- National Engg, Industries, Jaipur
- Yamaha Motors Surajpur
- Hindustan Salts,(ABIPL)
- Sambhar Salts(ABIPL)
- Sona Koyo Steerings ,
- Mahidra Defence Systems-Land
- Semco Electric Company
- Ashok Leyland, Pantnagar
- Asahi Glass, Roorkee
- GAIL, JLPL – LPG Pipeline (1200km)(IIQM)
- TATA Rallis(IIQM)
- Future IT Consulting , UK
- Railway Work shop, Ajmer
- NMPL-JBM- Haridwar
- Thai Summit Neel Auto- Rudrapur
- Daikin Air-conditioning India Pvt. Ltd
- Eicher Motors, Indore
- TATA Johnson Controls
- JLC- Philips GE Supplier
- RK Marble Mining & Processing Division
- Jaipur Airport
- IMS Ghaziabad
- Mayank Auto (Minda Group)
- ALF Engineering, Haridwar
- More than 250 S,M, L enterprises in various areas such as manufacturing , service , software NGOs, Hospitals, IT firms, etc

Schedule of **Training** Programmes

| S. N. | Title of the Programme | No of days |
|-------|--|------------|
| 1 | ISO9001:2008 Internal Auditor *** | 3 |
| 2 | Internal EMS ISO14001:2004 Auditor | 2 |
| 3 | Internal EMS ISO14001:2004 Auditor*** | 3 |
| 4 | Integrated IMS (Quality, Environment and OHSAS) Internal Auditor ***** | 3 |
| 5 | OHSAS18001:2007 Internal Auditor | 2 |
| 6 | Internal EHS(ISO14001, OHSAS18001) Auditor | 2 |
| 7 | Internal EHS(ISO14001, OHSAS18001) Auditor***** | 3 |
| 8 | OSHAS 18001 and EMS awareness for staff and new joinees | 2/3/4 |
| 9 | TS 16949: 2009 Internal Auditor | 2 |
| 10 | TS 16949: 2009 Internal Auditor ***** | 3 |
| 11 | APQP , PPAP, PFMEA requirements **** | 3 |
| 12 | Refresher Session on TS 16949, APQP & PPAP | 1 |
| 13 | TS-16949:2009 requirement awareness, | 1-6 |
| 14 | Facilitation Training to vendors | 3 |
| 15 | SPC & Problem Solving tools *** | 2 |
| 16 | SPC Work out- Basic | 2 |
| 17 | SPC Work out- Advance | 2 or 3 |
| 18 | MSA and metrology | 2 or 3 |
| 19 | Workshops on safety for contract workers | 1 or 2 |
| 20 | 5-S Action Course *** | 2 |

Training Programme

ISO9001:2008 Internal Auditor -3 days

| Day 01 |
|--|
| • Course Introduction |
| • Quality Issues, 8 QMP, ISO standards 9000/9001/9004 |
| • Requirement of ISO9001:2008 |
| • Requirement of ISO9001:2008- continue |
| • Exercise 1-2-3 |
| Day 02 |
| • Exercise Continue |
| • Internal Audit Programme, (Audit planning, auditor responsibilities,) |
| • Exercise on NC writing , preparation of Audit checklist |
| Day 03 |
| • Preparation of Onsite audit plan, Audit Opening meeting |
| • Onsite Audit |
| • NC writing & Presentation, Closing meeting |
| • Q&A Sessions |
| • Auditor Qualification Examination |



Training Programme

Internal EMS ISO14001:2004 Auditor -2 days

| Day 01 |
|---|
| Introduction, Environmental Awareness, concerns |
| Key definitions |
| ISO14001:2004 - an over view |
| Exercise |
| Aspect, impact identification and evaluation |
| Exercise |
| Day 02 |
| Wash up from day 01 |
| Env Legal frame work in india, Exercise |
| Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, |
| Exercises on Nonconformities |
| Check list Preparation and Onsite Audit |
| NC writing and Reporting |
| Examination |
| Validation |



Training Programme

Internal EMS ISO14001:2004 Auditor -3 days

| Day 01 |
|---|
| Introduction, Environmental Awareness, concerns |
| Key definitions |
| ISO14001:2004 - an over view, Exercise |
| Aspect, impact identification and evaluation, Exercise |
| Day 02 |
| Wash up from day 01 |
| Env Legal frame work in India , Exercise |
| EMS Documentation, developing operational controls, Exercise |
| Pollution Control Techniques and processes |
| Issues – Eco design, Eco labeling, LCA |
| Day 03 |
| Wash up from day 01&02 |
| Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, |
| Exercises on Nonconformities |
| Check list Preparation and Onsite Audit |
| NC writing and Reporting |
| Examination |
| Validation |



Training Programme

Integrated IMS (Quality, Environment and OHSAS) Internal Auditor -3 days

| DAY 01 |
|---|
| <ul style="list-style-type: none"> • Introduction, |
| <ul style="list-style-type: none"> • Quality, Environmental and Safety Issues |
| <ul style="list-style-type: none"> • Key definitions |
| <ul style="list-style-type: none"> • Standards requirements - an over view (ISO9001, ISO14001,) |
| <ul style="list-style-type: none"> • Standards - an over view, continue... |
| <ul style="list-style-type: none"> • Exercise |
| DAY 02 |
| <ul style="list-style-type: none"> • Standards - an over view, continue... (OHSAS18001) |
| <ul style="list-style-type: none"> • Legal requirements |
| <ul style="list-style-type: none"> • Aspect Impact and risk assessment –Exercise |
| DAY 03 |
| <ul style="list-style-type: none"> • Internal audit, approaches, type, attributes, skills etc as per ISO 19011 |
| <ul style="list-style-type: none"> • Exercises on Nonconformities |
| <ul style="list-style-type: none"> • Check list Preparation and Onsite Audit |
| <ul style="list-style-type: none"> • Audit reporting and summary |
| <ul style="list-style-type: none"> • Examination |



Training Programme

OHSAS18001:2007 Internal Auditor

-2 days

| DAY 01 |
|--|
| <ul style="list-style-type: none">• Introduction, Occupational safety Awareness, concerns |
| <ul style="list-style-type: none">• Key definitions |
| <ul style="list-style-type: none">• OHSAS18001:2007 - an over view |
| <ul style="list-style-type: none">• The Risk Assessment process , calculation of severity, incident , accident rate etc |
| <ul style="list-style-type: none">• Legal requirements pertaining to Occupational safety |
| <ul style="list-style-type: none">• Awareness about HAZOP/HAZID |
| <ul style="list-style-type: none">• Exercise |
| DAY 02 |
| <ul style="list-style-type: none">• Wash up |
| <ul style="list-style-type: none">• Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, Exercises on Nonconformity |
| <ul style="list-style-type: none">• Onsite audit, findings, reporting, summary, closing meeting etc |
| <ul style="list-style-type: none">• Examination |
| <ul style="list-style-type: none">• Validation |



Training Programme

Internal EHS(ISO14001, OHSAS18001)

Auditor course -2 days

| Day 01 |
|---|
| • Environment , health & safety issues |
| • Key definitions |
| • Requirement of ISO14001:2004 |
| • Requirements of OHSAS 18001:2007 |
| • Exercise 01 |
| Day 02 |
| • Wash up |
| • EHS legal requirements |
| • Exercise 02 |
| • Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, |
| • Exercises on Nonconformity |
| • NC writing |



Training Programme

Internal EHS(ISO14001, OHSAS18001)

Auditor course -3 days

| Day 01 |
|---|
| • Environment , health & safety issues |
| • Key definitions |
| • Requirement of ISO14001:2004 |
| • Requirements of IS/OHSAS 18001:2007 |
| • Exercise 01 |
| Day 02 |
| • EHS legal requirements |
| • Exercise 02 |
| • Aspect, impact/ Hazard Risk Assessment identification and evaluation |
| • Exercise 03 |
| • Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, |
| Q& A sessions |
| Day 03 |
| • Exercises on Nonconformity |
| • Site audit |
| • NC writing |
| • Examination |



Training Programme

OSHAS 18001 and EMS awareness for staff and new joinees -2/3/4 days

| | |
|--|---------------|
| • Elements of ISO14001:2004, | Day 01 |
| • Exercise | Day 01 |
| • Elements of OHSAS18001:2007 | Day 01 |
| • Exercise | Day 01 |
| • EHS legal requirements | Day 02 |
| • Exercise | Day 02 |
| • Concept of Environmental Aspect impact assessment | Day 02 |
| • Concept of Risk Assessment Training | |
| • Exercise | Day 02 |
| Extra day required [Optional] | Day 03 |
| • Environmental Technology (specifically water , air emission control, hazardous waste etc) | |
| • Environment Life cycle analysis, Environmental labeling, Eco design , design for safety, safety inspections etc | |
| • Work place safety modules (Three) | |
| • Accident investigation methodology | |
| Extra day required[Optional] | Day 04 |
| • Development of safety procedures | |
| • Internal EHS audit requirements, approaches, type, attributes, skills etc as per ISO 19011, Exercises on Nonconformity , | |
| Onsite EHS audit, findings, reporting, summary, closing meeting etc, Examination etc | |

This programme can also be modified to a one/ two/three days/ four day programme

| Day 01 |
|--|
| <ul style="list-style-type: none"> • Introduction – Understanding of the course/self |
| <ul style="list-style-type: none"> • Introduction, Quality Issues |
| <ul style="list-style-type: none"> • Key definitions recap |
| <ul style="list-style-type: none"> • TS16949:2009 - an over view |
| <ul style="list-style-type: none"> • Exercise |
| Day 02 |
| <ul style="list-style-type: none"> • Wash up |
| <ul style="list-style-type: none"> • APQP & PPAP– an auditor’s approach + exercise |
| <ul style="list-style-type: none"> • Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, Exercises on Nonconformity |
| <ul style="list-style-type: none"> • Onsite audit, findings, reporting, summary, closing meeting etc + exercise |
| <ul style="list-style-type: none"> • Q&A |
| <ul style="list-style-type: none"> • Examination |
| <ul style="list-style-type: none"> • Validation |

Training Programme

ISO/TS 16949:2009 Internal Auditor -3 days

| Day 01 |
|--|
| <ul style="list-style-type: none"> • Site Visit |
| <ul style="list-style-type: none"> • Introduction, Quality Issues |
| <ul style="list-style-type: none"> • Key definitions recap |
| <ul style="list-style-type: none"> • TS16949:2009 - an over view |
| <ul style="list-style-type: none"> • Exercise |
| Day 02 |
| <ul style="list-style-type: none"> • APQP- An Auditor's Approach + exercise |
| <ul style="list-style-type: none"> • PPAP- An Auditor's Approach + exercise |
| <ul style="list-style-type: none"> • PFMEA- An Auditor's Approach + exercise |
| <ul style="list-style-type: none"> • SPC- An Auditor's Approach + exercise |
| <ul style="list-style-type: none"> • MSA- An Auditor's Approach + exercise |
| Day 03 |
| <ul style="list-style-type: none"> • Other issues like customer requirements , homologation, CQI -09 , CQI -11 etc |
| <ul style="list-style-type: none"> • Internal audit requirements, approaches, type, attributes, skills etc as per ISO 19011, Exercises on Nonconformity |
| <ul style="list-style-type: none"> • Onsite audit, findings, reporting, summary, closing meeting etc + exercise |
| <ul style="list-style-type: none"> • Q&A |
| <ul style="list-style-type: none"> • Examination |

Training Programme

APQP , PPAP, PFMEA requirements

-3 days

Day 01

- Basic understanding of TS 16949:2009
- APQP Introduction and Project definition, APQP Introduction, APQP Function and Scope, APQP Principles, APQP five stages, 23 elements of APQP, Product/Process benchmark data, Prototype Special Characteristics Checklist, Formats of APQP, Exercises on understanding of APQP
- Overview of MS Project

Day 02

- PPAP Introduction ,PPAP alignment with APQP, PPAP Definition, objectives and Scope
- PPAP Requirements-Significant Production run, Requirements, Customer Notification and submission requirements, Customer Submission req, Submission Status, Records Retention, Formats of PPAP- 18 formats (supplemented by company's formats), Development of flow chart and control plan
- Exercises on understanding of PPAP

Day 03

- What is FMEA? ,What is failure? What is Failure Mode, Process Flow chart and relationship with PFMEA, RPN, FMEA Sequence, PFMEA Introduction,PFMEA Target, PFMEA Preparation,PFMEA Input and Requirement, Process Flow Advantages, Process Function and Requirements, Potential Failure Mode, Potential Effects, Severity S Evaluation, Failure Mode Classification, Potential Causes, Occurrence O Evaluation, Current Process Control, Current Detection Control
- Detection D Evaluation, Risk Evaluation---RPN, Recommended action, Action Evaluation, FMEA forms type, PFMEA Checklist, Exercise



Training Programme

Refresher Session on

ISO/TS 16949:2009 , APQP & PPAP – 1 day

| Day 01 |
|--|
| <ul style="list-style-type: none">• Introduction, Importance of quality, process approach |
| <ul style="list-style-type: none">• Standards requirements - an over view (ISO/TS16949:2009) |
| <ul style="list-style-type: none">• Changes in ISO/ TS 16949:2009(E) wrt 2002(E) |
| <ul style="list-style-type: none">• Issues of CQI, Homologation, CMVR Etc |
| Post Lunch |
| <ul style="list-style-type: none">• APQP requirements and importance Desktop Exercise |
| <ul style="list-style-type: none">• Quick Overview of PPAP requirements and importance of submission level |
| <ul style="list-style-type: none">• QA |



Training Programme

TS-16949:2009 requirement awareness,

1-6 days

| | |
|---|--------------|
| <ul style="list-style-type: none"> Quality Issues | Day 1 |
| <ul style="list-style-type: none"> Basic understanding of TS 16949:2009 | |
| <ul style="list-style-type: none"> Exercises on understanding of TS16949:2009 | |
| <ul style="list-style-type: none"> Requirements of PPAP | |
| <ul style="list-style-type: none"> Understanding of Interpretation of Supplier PPAP | |
| <ul style="list-style-type: none"> Formats of PPAP | Day 2 |
| <ul style="list-style-type: none"> Exercises on understanding of PPAP | |
| <ul style="list-style-type: none"> Basic understanding of APQP process | |
| <ul style="list-style-type: none"> Formats of APQP | |
| <ul style="list-style-type: none"> Exercises on understanding of APQP | |
| <ul style="list-style-type: none"> PFMEA/ Exercise | Day 3 |
| <ul style="list-style-type: none"> DFMEA/ Exercise | |
| <ul style="list-style-type: none"> MSA/ Exercise | Day 4 |
| <ul style="list-style-type: none"> SPC/ Exercise | Day 5 |
| <ul style="list-style-type: none"> TS Audit requirements as per ISO19011 / Audit checklist preparation | Day06 |
| All days make Optional Combinations | |



Training Programme

Facilitation Training to vendors -3 days

| Day-01 |
|--|
| <ul style="list-style-type: none">• Importance of quality and process approach |
| <ul style="list-style-type: none">• Concept of variation and waste , defect prevention |
| <ul style="list-style-type: none">• ISO9001:2008 / TS 16949:2009 |
| <ul style="list-style-type: none">• Identification of projects for improvement |
| Day-02 |
| <ul style="list-style-type: none">• PPAP requirements and importance including MSA and FMEA |
| <ul style="list-style-type: none">• 5S systems, Visual management, Material Handling Systems, Workplace Layout |
| <ul style="list-style-type: none">• Importance of Proper Identification and Traceability Systems |
| <ul style="list-style-type: none">• Develop work plan of Projects for Improvement |
| Day-03 |
| <ul style="list-style-type: none">• SPC, Simple Charts |
| <ul style="list-style-type: none">• Kaizen / Problem Solving Method/ 8D approach for Customer Complaint Handling |
| <ul style="list-style-type: none">• Training on “Developing Auditing Skill” |

Training Programme

SPC & Problem Solving tools -2 days

| Day 01 |
|--|
| <ul style="list-style-type: none"> • 7 QC Tools |
| <ul style="list-style-type: none"> • Exercises on 7 QC Tools |
| <ul style="list-style-type: none"> • SPC Control Charts/ Capability |
| |
| Day 02 |
| <ul style="list-style-type: none"> • Why-Why, other problem solving tools , 8D, |
| <ul style="list-style-type: none"> • Different Problem-Solving Models |
| <ul style="list-style-type: none"> • 8Discipline Process- TOPS |
| <ul style="list-style-type: none"> • Exercises on problem solving |
| <ul style="list-style-type: none"> • Poka Yoke and mistake proofing |
| |
| Q& A sessions |

Day 01

- What variation is and why it's a problem in manufacturing, Types of patterns of variation
 - Statistical measures of variation: Mean, range, and standard deviation
 - Normal Distribution Curve, 1,2 and 3 Sigma
 - Concept of process stability
 - 7 QC tools
 - Exercise on Check sheet
 - Exercise on histogram
 - Exercise on Pareto analysis
 - Exercise on run chart
 - Exercise on Scatter Diagram
- (all exercises from shop floor examples)

Day 02

- What control charts are and why they are used.
- Common elements of all control charts.
- Variable and attribute control charts: Chart selection
- Calculating and plotting data and interpreting the chart.
- Calculating control limits and establishing a baseline chart
- The capability ratio, process capability index, and Cpk
- Exercise on plotting of variable X bar Chart from shop floor examples

Q& A sessions

Training Programme

SPC WORK OUT - ADVANCE -2 or 3 days

| Day 01 |
|---|
| <ul style="list-style-type: none"> • Pp & Ppk, Differences between Ppk & Cpk, Cpm & Ppm • What to do if the process is not capable. • Process Capability Study Complications- Using individuals instead of subgroups, Compensating for tool wear, Skewed Distribution, One-sided specs, Short Run processes. • Setting up P, NP, C, and U charts. • Exercise on plotting of P, NP, C & U charts with shop floor examples |
| Day 02 |
| <ul style="list-style-type: none"> • CUSUM Charts • Moving Range Charts • Q Charts • D Charts • Success Charts • ANOVA • Regression Analysis • Exercises with real life examples |
| Day 03 (OPTIONAL) |
| <ul style="list-style-type: none"> • Overview of 7 new QC tools • Six Sigma – Concept of DMAIC, methodology etc |
| Q& A sessions |

Training Programme

MSA and metrology -2 or 3 days

Day 01

- Importance of measurement in manufacturing
- Good Measurement system
- Dimensional metrology – Dimensioning and tolerancing
- Application and use of equipment including CMM, linear dimensions, Optical, Universal length measuring machine, angle measurement , gauge blocks, Go-No Go Gauge etc
- Surface textures- roughness, Round profiles , Radius Measurement etc
- Calibration – methods and standards.
- Traceability - The role of transfer standards and working standards.

Day 02

- Introduction to Uncertainty.
- Uncertainty – Type A and Type B evaluations
- Exercise on Uncertainty
- Sources of Measurement System Variation
- Basic Terminology
- Exercise on linearity, Bias, Stability

Day 03

- How to conduct a GR&R study
- Use of ANOVA for GR&Rs.
- R&R on variable data
- R&R on Attribute data
- Analysis and Evaluation

Q& A sessions



Training Programme

Workshops on safety for contract workers

- 1/2 -days

| |
|--|
| Medium of workshop : Hindi |
| Work place safety modules (any four for 1 day/ all for 2 days) |
| 1. Work place safety- Unsafe acts / Practices/ Never Take Safety for granted/ Right Usage of PPEs [training medium : Hindi] |
| 2. PPEs- helmets, gloves, Breathing apparatus, safety belt , Eyewash Stations and Safety Showers, fire suites etc [training medium : Hindi] |
| 3. Fire safety and training on Fire Extinguisher [training medium : Hindi] |
| 4. Safety during material handling & storage [training medium : Hindi] |
| 5. EHS policy and Objectives/Corporate safety requirements/ corporate handbook on safety etc [training medium : Hindi] [Corporate : HH] |
| 6. Emergency response plan [Training & Presentation Medium : Hindi] |
| 7. 5 s / housekeeping [Training & Presentation Medium Hindi] |
| 8. Safety Signage's/ Colour coding [Training & Presentation Medium: Hindi] |
| 9. Any other you propose |

Training Programme

5-S Action Course -2 days

| |
|---|
| 5S Action Course for Line Supervisors, executives . |
| Day 1 |
| • Introduction |
| • Overview of Lean |
| • Types of waste in the work place |
| • Flow |
| • The Five S's |
| • Five S and Visual Systems |
| • Sort |
| • Exercise - applying sort to work place area |
| Day 2 |
| • Set in order |
| • Exercise - create a visual layout for all material and tools in work place area |
| • Shine |
| • Exercise - design shine schedules and assignments for work place area |
| • Standardize |
| • Exercise - create visual aids and standard work for the work place area |
| • Sustain |
| • Exercise - defining outstanding actions to complete work place area |
| • Complete implementation |
| • Validation |



Training Programme

Basic Electrical Engg for Mech Personnel

-2 days

| Day-01 |
|--|
| <ul style="list-style-type: none">• Symbols used in circuits |
| <ul style="list-style-type: none">• Basic Electrical Terminology |
| <ul style="list-style-type: none">• Basic wiring circuits-Fundamentals |
| <ul style="list-style-type: none">• Electric Safety |
| Day-02 |
| <ul style="list-style-type: none">• Electric earthing-concept and type |
| <ul style="list-style-type: none">• Maintenance of Electric Motors |
| <ul style="list-style-type: none">• Concepts of speed regulation of motors |
| <ul style="list-style-type: none">• Calculation of efficiency of DC motor |



Training Programme

Basic Electrical Engg for Elect Personnel/
Advance Electrical Engg for Mech Personnel

-2 days

| Day-01 |
|---|
| <ul style="list-style-type: none">• Basic about Substation-Topology, Busbars, CT/PT, Electric Earthling |
| <ul style="list-style-type: none">• Transformers & Switchgears Basic & Maintenance |
| <ul style="list-style-type: none">• Elect Motors-DC Starting & Speed Control |
| <ul style="list-style-type: none">• Elect Motors-AC- Starting & Speed Control |
| Day-02 |
| <ul style="list-style-type: none">• Basic Control Circuit |
| <ul style="list-style-type: none">• Control circuit of Starters, Star Delta Starters, |
| <ul style="list-style-type: none">• Concept of PLC |
| <ul style="list-style-type: none">• Concept of CNC |



Training Programme

Advance Electrical Engg for Elect Personnel

-2 days

| Day-01 |
|------------------------------------|
| • Special Motors-1 |
| • Special Motors-2 |
| • Instrumentation-1 |
| • Instrumentation-2 |
| Day-02 |
| • Power Factor & its Improvement-1 |
| • Power Factor & its Improvement-2 |
| • Energy Auditing-1 |
| • Energy Auditing-2 |



Training Programme

Executive Development Programme -2 days

| <u>Day-01</u> |
|---|
| <ul style="list-style-type: none">• General issues at work place |
| <ul style="list-style-type: none">• Stress Management |
| <ul style="list-style-type: none">• Excellence in Life |
| <ul style="list-style-type: none">• Time Management |
| <ul style="list-style-type: none">• Time Management- Exercises |
| <u>Day-02</u> |
| <ul style="list-style-type: none">• Presentation Skills –Planning and Preparation |
| <ul style="list-style-type: none">• Presentation Skills – Delivery Exercises |
| <ul style="list-style-type: none">• Team Building Exercises |
| |

Training Programme

Workshop on Basics of AutoCAD-1 day

| <u>Day-01</u> |
|---|
| <ul style="list-style-type: none"> • The Introduction and AutoCAD Versions |
| <ul style="list-style-type: none"> • Basic Commands (Line, Arc & Circle) • Text, Dimensioning & Explode • Drawing Editing Commands- Editing Objects and Object Properties • Array Command with Fillet and Chamfer • Various Commands in Auto CAD version |
| <ul style="list-style-type: none"> • Trim, Extend, Stretch, Offset & Pline • Line Types and Line Weights • Region, Boundary & Hatch Objects • Layer Management Properties • Use of Block and Insert Command • Dimensioning a Drawing • Scaling & Measurements • Basic Isometric Drawings • Making a title block • Printing , plotting and Scaling the Drawings • Exercises |
| <p>The Training is on FlexiCAD software which is a freely available software and is similar to Auto CAD software / or company owned CAD software</p> |



Training Programme

Workshop on Basics of AutoCAD-3 days

Day-01

- The Introduction and AutoCAD Versions
- AutoCAD Interface & Command Window
- AutoCAD Options -Grid, Snap & Limits Settings
- AutoCAD Coordinate Systems-Getting Started
- Creating a 2D drawing/ Drawing Setup
- Exercises

Day-02

- Object Snap & Object Track Concepts
- Basic Commands (Line, Arc & Circle)
- Text, Dimensioning & Explode
- Drawing Editing Commands- Editing Objects and Object Properties
- Array Command with Fillet and Chamfer
- Exercises
- Various Commands in Auto CAD version

Day-03

- Trim, Extend, Stretch, Offset & Pline
- Line Types and Line Weights
- Region, Boundary & Hatch Objects
- Layer Management Properties
- Use of Block and Insert Command
- Dimensioning a Drawing
- Scaling & Measurements Analogy
- Basic Isometric Drawings
- Printing , plotting and Scaling the Drawings
- Exercises
- Introduction to 3D drawing

The Training is on FlexiCAD software (freely available)

Training Programme

Six Sigma – Yellow belt -1day

Day-01

- Introduction of 6 Sigma -**History**
- 6 Sigma Performance Measurement What sort of results to expect from 6 Sigma. (**VISION & Structure**)
- **Breakthrough Improvement** Strategy How 6 Sigma affects an organization's business culture
- History of Quality and Continual Improvement
- Terminology, Strategy, and Roadmap of the 6 Sigma methodology What the DMAIC approach to problem solving is and how it can be applied to your business.
The journey , an organization prefer to adopt in deploying 6 Sigma
- **6 Sigma tool kit** - Process Mapping, FMEA, MSA, GR&R, **MULTIVARI , HYPOTHESIS TEST , SPC, ANOVA,DOE** etc
- Comparison with best practices What 6 Sigma can do: multiple real-life examples and project case studies.
- **6 Sigma organization structure includes roles of individuals** , training, project guidelines, and communication

Day-01

- Lean introduction and evaluation
- Waste and waste define
- Training on 7 waste
- Value stream mapping
- Simulation exercise
- Brief overview of TPS
- Advantage of Lean
- Concept of lean sigma

Training Programme

Environmental Legal requirements-1 day

Day-01

- ISO 14000 /OHSAS 18001 requirements -Implication of these requirements
- Basic law structuring ,Indian Environmental Laws
- List of Umbrella Acts
 - Water Act 1974 & rules
 - Waste Cess Act 1977 & rules
 - Air Act 1981 & rules
 - Environmental Protection Act 1986
 - Environmental Protection Amendment Act Rules – updated
 - Noise Pollution Control Rules
 - Hazardous Waste (MH&TM) Rules 2008
 - Batteries Rules 2010
 - MSIHC Rules 1989
 - Bio Medical Waste Rules 2003
 - ODS Rules 2000
 - Public Liability Act1991
 - Bio Diversity Act 2002
 - E waste Rules 2010
 - National ambient air quality standards-2009
 - Overview of Factory Act / rules
- **Examination**

Training Programme

Environmental Awareness-1 day

| | |
|---|--------|
| <ul style="list-style-type: none"> • Gen overview of Environment, old wisdom- recent requirements , Environmental issues, their implication on daily life and health | •1 hr |
| <ul style="list-style-type: none"> • Overview of pollution | •2 hr |
| <ul style="list-style-type: none"> • Air pollution | |
| <ul style="list-style-type: none"> • Water Pollution | |
| <ul style="list-style-type: none"> • Land degradation | |
| <ul style="list-style-type: none"> • Noise pollution | |
| <ul style="list-style-type: none"> • Natural resource depletion | |
| <ul style="list-style-type: none"> • GHG emissions | |
| <ul style="list-style-type: none"> • Carbon foot print & CDM | |
| <ul style="list-style-type: none"> • others | |
| <ul style="list-style-type: none"> • Documentary_ Hindi (Inconvenient truth) [100 minutes] or other videos of approx 30- 60 min [only for 8 hrs sessions] | •2 hrs |
| <ul style="list-style-type: none"> • Various Env laws pertaining to our country | •1 hr |
| <ul style="list-style-type: none"> • Pollution abatement techniques | •1 hr |
| <ul style="list-style-type: none"> • Environmental pledge (if your company has any) | •½ hr |

Other Trainings provided by us

| | |
|--|-----------|
| • TS16949/ ISO9001/ISO14001/OHSAS18001/ ISO27001/ISO22000 awareness course | 1 |
| • Basic SPC / advance SPC | 1 /2/3 /6 |
| • EHS Legal Requirements | 1/2 day |
| • Six Sigma | 1/3/5 |
| • Lean Manufacturing | 1/3 |
| • Daily Work Management | 1 |
| • Design of experiments | 1 / 2 |
| • Value Stream Mapping | 1/2 |
| • Quality Function Deployment | 1/2 |
| • HAZOP/ Risk Modeling | 1/2 |
| • Financial terms for non financial (technical) persons | 1/2 day |
| • HR Trainings | 1/2 day |
| / indicate "OR" | |

We also provide **consultancy services** in the following area

- **EHS**
- OH&S Standards Implementation: OHSAS18001
- Environment Standards Implementation: ISO14001
- Environmental/ EHS legal Auditing
- Sustainability reporting
- Integrated QEHS/EHS system implementation
- Social responsibility standards BS ISO 26000/ SA 8000
- Energy management systems BS 16000
- British Council - 5 Star safety
- Risk Assessment , HAZID/HAZOP studies Etc
- **Quality**
- Quality Systems implementation: ISO9001/ TS 16949/ 29001
- Sectors requirements such as AS9100/ IRIS Certification Consultancy
- Food Safety Management System ISO22000
- Information Security Management System ISO27001
- Daily Work Management implementation
- Lean Manufacturing Implementation
- Six Sigma implementation
- CII EXIM award
- Supplier development and audit





New Areas for Development

- Social impact Assessment as per UN / FII framework
- Competent Institution
- Risk Assessment
- Remote Auditing
- Energy Auditing
- Business plan Development
- Forestry projects
- Environmental Impact Assessment

AMIT LUNIA

Director,

**BE(Prodn Engg), M.Tech (Env Engg), PhD(under process)
Lead Auditor ISO9001, ISO14001, OHSAS18001
Auditor TS16949, ISO27001, ISO22000
Lead Verifier CDM**



Quality Management Services

Consultants, Auditors, Trainers in HRD, Quality, Environment, TPM, API Systems,
Consultants for Risk Assessment, HAZOP, Rapid Risk Analysis, Risk Modeling, water audit,
energy audit etc

Memberships

- **Ex-Member, State Environmental Appraisal Committee(SEAC) of Rajasthan (2008-2011)**
- Empanelled as Lean Manufacturing Consultant (LMC) with the "**Monitoring and Implementation Unit (NMIU)**", National Productivity Council
- Life Member Rajasthan State Productivity Council)
- Member (MIE) of The Institution of Engineers (India)
- Member of ISTD (Indian Society for Training and Development)network, Rajasthan
- Life Membership of Youth hostel Association of India
- Life Member of Red Cross Society of India

Other strengths

- Auditor with a Certification Body, more than 200 days audits include Reliance Comm, JP Cement, Prism Cement, Birla Cement, etc
- Book on ISO14001 used as ref book in Post Graduate Course at BITS Pilani, University of Pune, ISM Dhanbad, VSTU, IIT, BHU etc
- Published more than 10 papers on quality, environment etc
- Policy propagation lectures at no of Govt bodies such as QCI, Factories & Boilers, Forest Institute, IIQM, Raj Univ, RLPoddar-MBA, MMSME, SISI, UNIDO, Ajmer Univ, MNIT, NPC etc
- Have done river rafting expeditions

A faint, light gray world map is centered in the background of the slide, showing the continents of North America, South America, Europe, Africa, and Asia.

Training & Consulting Methodology

- All the Trainings are designed on a patterns of creative training and presentation techniques so that they become interactive sessions , and are in a mode of workshops rather than class room trainings, they are supported by real time examples , simulations , hand-on approach, exercises, group building methods, role plays,
- Our Consultative approaches are time oriented, specifically customized to your requirement and continual in nature, we play a very effective role in development of your system which is long lasting and evolving

Clientele Feedback

- *"QMS have been involved with our organisation for last ten years and we have found them always available and helpful"*{World Largest Marble Miners and Processers}

Subhash Agrawal, FCA, VP(Fin)& , RK Marble Pvt Ltd, Plant

- *"Mining is a altogether different subject, and sometimes it is very amazing to imagine that our organization has implemented IMS with so ease"*{World Largest Marble Miners and Processers}

RB Mehta, FCA, VP(Fin) & , RK Marble Pvt Ltd, Mines

- *"The wide scope of knowledge of the QMS consultants have helped us to better understand our demanding final and overseas customers and has also helped us to comply with customers' quality, environmental, safety and social obligations in a much effective manner"*

AL Gupta, DGM-HR, Godrej Hersheys Ltd., Mandideep

- *"Amit has a equal and effective knowledge in quality ,environment and safety , it makes integration of systems as IMS very simple and easily to implement"*

D.Pareek ,Ex- GM Operations & CMR, STPL,
currently AGM at an OEM

- *"The Training programmes conducted by the trainers have been very intense covering wider scope, leaving the participants with the demand for more and with excellent feedback , BOSCH, Jaipur have been conducting TS related programme since 2002 from them"*

Lokesh Kumar, HR Executive, BOSCH Ltd,

- *" QMS consultants are very understanding and easily approachable"*

SP Saini, TL-III, & MR Neel Metal Products Ltd.
(JBM-Group), Haridwar

Clientele Feedback- Cont...

- *The Consultants and the Trainers have been very open and knowledgeable, We have learned a great deal from them during the course of implementation and trainings*

AK GUPTA, Unit Head, Mayank Auto(Minda Group), Haridwar

- *"The indepth knowledge of the Consultants and Trainers has helped to ensure a good IMS system for our cement plant and mines taking care of all our legal and other obligations including those identified in the Environmental clearance process, our corporate MNC OHS guidelines, it makes compliance very easy and also our social commitment are understood by all our process owners"*

*Mr MK Rustogi, DGM-Production ,
Ambuja Cement Ltd, Rabriyawas*

- *"The Training courses designed by QMS are very informative, interesting and exhaustive"*

*Mr Ravinder Gehlawat, AM, QA , MR,
Tata Johnson Controls (TJC), Pantnagar, Rudrapur*

- *"The availability of wide ranging expertise has helped me to plan my trainings better and easier manner"*

Mr Chandra Shekhar Singh, Head HR, TJC, Pantnagar, Rudrapur

- *"Amit is now a personal friend , His vast environment and quality knowledge repertoire and continual commitment to customer meant that, We at Eicher Alwar had to never look beyond him for last so many years, We have taken their help in all our plants at Bhopal, Alwar and Parwanoo "*

Mr GP Gupta , Ex-MR & DGM(Q), Eicher Tractors , Alwar ,



General T&C

- Quote for all trainings shall be made on requirement by the organisation
- We shall provide one master copy of the training module / document, Printing charges extra as per actual
- Group size 15-20
- All participants shall be provided with an Certificate of Completion or Participation
- Software used is **FLEXICAD**
- LCD projector and training room is to be provided whether in-house or training location
- All relevant requirement or IMT equipment for any exercise etc need to be provided
- Document such as flow charts of the processes, list of documents, PPAP document , control plan, Org Chart etc may be made available as per course requirements
- Please ensure similar sort at participants level ie seniority, middle level, etc



WE GET REWARDED FOR OUR DELIVERIES



Contact us

"Our consulting offices is located in India."

We get rewarded for our Deliveries

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Snehal Kothari: 9890698030



End