



Rosa
Engineering Ltd.

ENGINEERING SOLUTIONS FOR THE ENERGY,
CHEMICAL, CONSTRUCTION & RESOURCING SECTORS



Our Competence

- Electrical Engineering
- Senior Authorised Person (SAP/AP)
- Control and Instrumentation Engineering
- Civil/ Structural Engineering
- Process/ Plant/ Operational Excellence
- Health, Safety, Environment and Quality
- Compliance, Safety Rules Governance
- Drafting/ Modelling Services



Senior Authorised Person (SAP/AP)

- Safety Rules Governance
- Safety Rules Training
- On-Site HV Switching
- Outage/ Project Support
- On-Site Safety Rules Auditing
- Safety Rules Assessments/ Mentoring
- Pre/Post Authorisation Interviews
- Safety Rules Incident Investigation

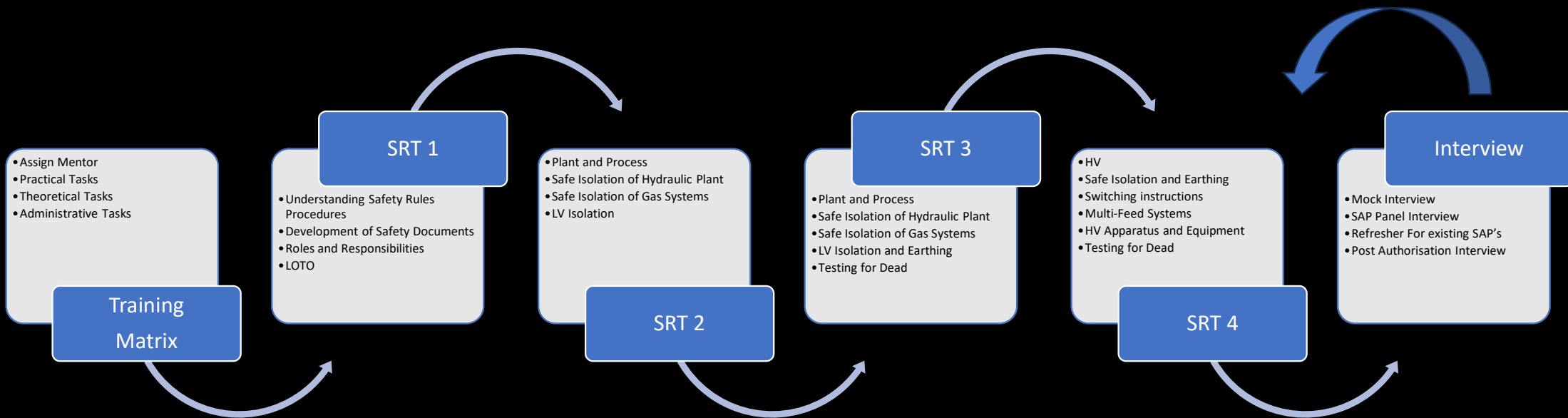


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TRAINING



SAP Training Progression



SAP Classroom Training Progression

SRT1

This is a four-day course introducing the Safety Rules and procedures for applying them including the documents and the responsibilities. This course is for anybody wishing to understand the Safety Rules, how they are applied as part of a Safe System of Work and would form the first week of a series of training for SAPs. Delegates would become familiar with preparation and issue of safety documents and undertake an assessment.

SRT2

This is a four-day course covering Safety Rules, Plant and Low Voltage Apparatus. This course is for prospective SAP's seeking Authorisation for work on testing Plant and LV Apparatus and looks at the procedures detailing how the Safety Rules are applied to Plant and LV Apparatus. Delegates would have further training on the safety rules and prepare documents for work on plant and LV apparatus as well as undertaking an assessment.

SRT3

This is a four-day course covering Safety Rules and High Voltage Apparatus. This course is for prospective SAP's seeking Authorisation for work or testing on HV Apparatus and looks at the procedures detailing how the Safety Rules are applied to HV Apparatus. Delegates would have further training on the safety rules and prepare documents for work and testing on HV apparatus as well as undertaking an assessment.

SRT4



This is a two-day course covering Safety Rules, Plant, Low Voltage and High Voltage Apparatus. This course for SAPs as a refresher before their Authorisation interview and during the course delegates will complete 2 assessments.



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Control Person Classroom Training Progression

SRT5

Two-day Control Person training course. Candidates will be practicing SAP's with at least 2 years' experience.

Day 1: Safety Rules:
Responsibilities of the Control Person

Day 2: NG presentation:
Examples of bad Control Person practices and RISSP examples



SRT6

One day Control Person refresher training course for existing Control Persons wishing to renew their Nomination and Candidates who have completed Control Person Training or equivalent



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Authorised Person Classroom Training Progression

SRT7

Two day Authorised Person (SFT) training course. Candidates will be selected for Authorised Person (SFT) training depending on their knowledge and experience (to be reviewed by the Location Manager).



SRT8

One day Authorised Person (SFT) refresher training course for existing Authorised Persons (SFT) wishing to renew their Authorisation and candidates who have completed Authorised Person (SFT) Training or equivalent



Supervising Safely Training (Engineers)

This 4- Day course is aimed at team leaders, site engineers and PM's who are responsible for planning and delivering on-site projects. This course provides the following deliverables:

- Clarify roles & responsibilities across the whole Safe System of Work .
- Create a clear line of instruction, that includes (or at least sign-posts) all responsibilities in the SSOW including Contractor Management.
- Ensure everyone understands what part everyone needs to play in order for work to be carried out safely.
- Provide the necessary skills and knowledge for people to fulfil their roles.

WCM Steps	Sub-Steps	Summary Description	SSOW Role
1	1.1	Work Planning	Defining the work scope and safe work method
	1.2	Safety Rules Decision	Understanding the plant conditions and isolation requirements for work to be done.
	1.3	Preparing the Workforce	Ensuring training, competencies and provision of tools, equipment & PPE
2	2.1	Isolation of Equipment & Safety from the System	Arrangements for isolating, draining, venting purging etc. as well as locking in safe condition.
	2.2	Testing for Dead	
3	3.1	Issuing the Work Pack	Issuing all work documentation to the NS. Briefing them, ensuring competence of working party.
	3.2	Ensuring General Safety	Completion of GSAF, issuing work documentation to CP
	3.3	Take control of the work task	Receive work pack, safety documents. Maintain General Safety. Carry our work task.
	3.4	Working Party Engagement	Ensure the WP understand method of work and potential hazards. Carry out work task.
4	4.1	Task completion	Finalising the work task, withdrawing working party, ensuring work area in good condition
	4.2	Overall work completion	Coordination of work tasks to ensure overall work task is adequately completed so plant can be safely returned to service.
	4.3	Exception circumstances	Special arrangements for handling lost safety documents or keys.
5	5.1	Safe return to operation	De-isolation to allow safe return to operation (without consequence on other work). Safe operational testing (if required)



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Electrical Awareness Training

The aim of this 1-Day training course is to provide the candidate with sufficient knowledge and understanding of the risks associated with working on or near electrical systems. It is the aim of this course to provide the candidate with the following deliverables:-

- Understanding of electrical fundamentals
- Electrical protection systems
- Competence with testing for dead
- Electrical Arc Awareness
- Switchroom/ Sub-Station Access
- Emergency response and First Aid
- Regulations and legislation
- Best Practice Guidance
- Understand hazards associated with different types of electricity



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Electrical Specification and Design Training

The aim of this 2-Day training course is to provide the candidate with sufficient knowledge and understanding relating to the initial scope, specification and design of electrical systems.

It is the aim of this course to provide the candidate with the following deliverables:

- Basic understanding of electrical fundamentals
- Electrical System Study's:
 - Load Flow
 - Short Circuit Analysis
 - Large Motor Starting
 - Transient Stability
 - Cable Ampacity
 - Protection Co-Ordination
 - Arc Flash
- Cable Specification and considerations
- Functional Design, Operational modes and SLD's
- Transformer Specification and considerations
- Switchgear specification and requirements
- Harmonics and Power Quality
- Containment, Cable runs and Terminations
- Enclosures and Switchroom requirements
- Metering
- Earthing and Bonding



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OTHER SERVICES



Safety Rules Governance

At Rosa Engineering Ltd, we prioritize safety and compliance through our **comprehensive Safety Rules Governance services**. Our team of experts ensures that all electrical and mechanical operations adhere to the highest industry standards, reducing risk and promoting a safe working environment.

- Development and implementation of tailored safety protocols
- Ongoing compliance with regulatory and statutory requirements
- Regular audits, assessments, and updates to ensure best practices
- Specialized governance for HV operations and SAP (Senior Authorized Person) activities
- Competency Frameworks, Training Matrix, 1-2-1 Mentoring

By implementing robust Safety Rules Governance, Rosa Engineering Ltd helps your organization maintain operational integrity and protect your workforce.



Power Plant / Process/ Operational Excellence

- Plant Asset Verification (PAV)
- Maintenance Studies
- Performance Management Tools, Systems, Reporting, Testing & Optimisation
- Production Temporary Staffing
- Gas / Air / Vacuum Leak Detection Surveys
- IR (Thermal) Survey
- Partial Discharge Survey
- Power Plant Stores Inventory & Spares Criticality Assessment
- Medium Combustion Plant Stack Emissions Monitoring



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Emergency Call-Out: SAP & HV Switching Support

At Rosa Engineering Ltd, we provide **24/7 emergency call-out** services for Senior Authorized Person (SAP) and High Voltage (HV) Switching support. Our expert team is ready to respond to urgent issues, ensuring the safety and reliability of your high-voltage systems.

- **24-hour emergency phone line**
- **On-site engineering assistance within 48 hours**
- Immediate response to minimize downtime and maintain operational integrity
- Agreed Engineering Rates

With our fast and reliable service, you can count on Rosa Engineering Ltd to be there when it matters most.

£4,500/Annum



Our Clients



EP UK Investments



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