



## GLOBAL MANAGEMENT CERTIFICATION SERVICES PRIVATE LIMITED

### Certification Audit Report

ISO 14001:2015 and ISO 50001:2011

For

**Client: M/s. Siddharth Institute of Engineering & Technology,**

**Address: Siddharth Nagar, Narayanavanam Road,  
Puttur, Chittoor District,  
Andhra Pradesh State-517583**

Audit Ref No. GMCSPL/E & EN MS -103/19-20

Disclaimer: - The Auditing is based on a sampling process of the available information and consequently there is an element of uncertainty which may be reflected in the Audit findings. Those relying or acting upon the Audit results and conclusions to be aware of this uncertainty. The Audit recommendations are subject to an independent review, prior to decision.

**This report was presented to and accepted by:**

**Name: Sri Dr. K. Chandrasekhar Reddy**

**Job title: Principal**

## 1. Audit details:

Management Member(s)	Sri. Dr. K. Ashok Raju - Chairman, Dr. K. Chandrasekhar Reddy- Principal Dr.S. Sunil Kumar Reddy- HOD Mechanical, Dr. N. Ramesh Raju, HOD-EEE, Dr. P. Ratna Kamala - HOD ECE		
Audit Criteria [Standard]	ISO 14001:2015 & ISO 50001:2011	Exclusion	NIL
Audit Objectives	To Verify if the organization's compliance and effective maintenance of E&OHS and EnMS in accordance with ISO 14001:2015 and ISO 50001:2018 and to make decision on Certification.		
Audit Scope [confirmed]	Provision of Educational Services in Engineering at Degree and PG Level Under JNTUA Ananthapuramu.		
Functional Units/Processes Audited	Civil Engg. / Mechanical Engg. / Electronics & Communication Engg/ Computer Science & Engg / Humanities & Sciences/ Electrical & Electronics Engg/CS&IT Agricultural Engineering/ MBA and MCA		
Audit Site[s]	Siddharth Nagar, Narayavanavam Road, Puttur Chittoor District, Andhra Pradesh State-517 583		
Audit Team	Team Leader	K S N Prasad	
	Lead Auditor[s]	A.Singaiah, P.Yadgiri	
Audit Dates	16.10.2019, 17.10.2019 and 18.10.2019		

## 2. Audit Trials

Description	Objective Evidence
Brief Profile of the organization Including main products/ services and customers	Siddharth Institute of Engineering & Technology (SIETK) is an emerging center for excellence in Engineering & Management education, approved by AICTE, New Delhi and affiliated to JNTUA, Ananthapuramu. The institution achieved remarkable growth since their inception and have grown from strength to strength under the dynamic leadership of the Chairman, Sri. Dr. K. Ashok Raju. SIETK is an autonomous institute accredited with NAAC with A grade and NBA for <del>five</del> programmes. SIETK established in the year 2001 in a sprawling 28.63-acre campus amid beautiful hill range of the Eastern Ghats, located in Puttur town and near Narayanavanam, a holy place, where Lord Venkateswara has married Goddess Padmavathi. The institute is 22kms from Tirupati airport and is well connected by rail and road (Tirupati – Chennai highway).The institute is indeed “dream come true” for many aspiring youngsters from rural areas in Chittoor District and Southern Andhra Pradesh
Organizational context	External issues related to E & EN MS & EnMS identified are: Competition, Technology, Culture, Legal, Market etc. Internal Issues identified are: Knowledge, Employee Base, performance of the students, performance of Faculty, strategic direction etc.
Interested parties needs and expectations	Interested parties include: Society/Neighbors/NGOs/Media/Employees/workers/Trade unions Govt.: Legal compliance to all applicable statutory requirements. Management: Improving Environmental Performances.
E & EnMS Management Scope and Boundaries	Provision of Educational Services in Engineering at Degree and PG Level under JNTUA.

<b>E &amp; En MS Management System establishment</b>	SIETK has established, implemented and maintained E & EN MS in accordance with the requirements of International Standard. Documentation consists of IMS Manual, Procedures, EIA, and Formats Verified and found ok.
<b>Leadership and commitment</b>	Vision, Mission, objectives are set for each department and institute is monitoring same through Internal quality audit process.
<b>Risks and Opportunities</b>	Risks and Opportunities are defined for each functional areas, same were verified and found in order
<b>Environmental Aspect &amp; Impact Assessment</b>	Environmental Impact Assessment was documented for all the processes. Some of the areas like canteen and solid waste handling at hostels were not captured.
<b>Actions to address risks and opportunities</b>	The Risks and Opportunities Identified are inputs for planning actions and for establishing the E&OHS Objectives and the same is described in Aspect impact assessment / EIA.
<b>E &amp; En MS Objectives and action plans</b>	E & En MS objectives for the year 2019 <ul style="list-style-type: none"> <li>- Reduce water consumption by 7% from the year 2018 achievement.</li> <li>- Reduction in power consumption by 20 % over last year.</li> <li>- Reduction in paper consumption by 20% over last year.</li> <li>- Recycle and reuse the water</li> </ul>
<b>Legal and other requirements and Evaluation of compliance</b>	<ul style="list-style-type: none"> <li>- Pollution Control Acts, Rules and Notification issued by TSPCB.</li> <li>- Liaison with Regional Office of PCB and MoEF, as applicable.</li> <li>- Reference to Environmental Legislation Updates published by various bodies</li> </ul>
<b>Resources</b>	All the resources needed for the implementation, maintenance of E & En MS is provided. <ul style="list-style-type: none"> <li>- Annual financial budget for the year 2019: 03 Lakhs</li> </ul>
<b>Competency</b>	Competence of each and every role in the organization is determined by their Education, training, Qualification and Experience. <ul style="list-style-type: none"> <li>- Verified competency matrix for all the Designations</li> </ul>
<b>Awareness</b>	Awareness among the campus towards reuse, recycle of natural resources was found good among faculty and students.
<b>Operational planning and control</b>	SIETK developed procedures for various activities. Handling of Hazardous Waste it E & En MS Handling of Non-Hazardous Waste it E & En MS Operational Controls on E & En MS like: Management of Safety Committee / Management of First Aids /Management of PPE . General Operational Controls includes: Emergency Procedure Work Instructions/ OCP Display at Various Operations, Process, Machines Earth Pit testing & Identification Environment Related Slogans & posters Display at various place for better Performance & Awareness. Reduction in water, Air, Noise & Energy consumption, reduction in number of incidents & ensuring safe Environment.

<b>Emergency Preparedness and Response</b>	<p>SIETK adopts procedure for Emergency preparedness and response for all environmental emergency situations and a rescue team, NSS is available.</p> <p>Emergency preparedness plan includes natural, technical, and man-made events that occur inside and outside normal working hours.</p> <p><b>Few of the Emergency situations</b> are:</p> <p>Emergency control center includes: On Site Emergency Plan, Site Map, List of Site Areas, Fire Extinguishers, first aid boxes, and emergency power supply to the main switchboard, alarm system &amp; En MS, and exit signs/ lights, Important Telephone Numbers, Communication Facility, an evacuation route map and a safe assembly point.</p> <p>2 Scenarios were taken for Mock Drill one was Electrical Fire and one was contamination of Drinking water.</p> <p>Plans for responding to that particular emergency situation that is contamination of drinking water was not clear.</p>
<b>Performance evaluation &amp; Evaluation of Compliance</b>	<p>SIETK established a process for monitoring and measuring of E &amp; En MS performance. All the legal requirements documented information kept up to date, verified and found ok. Department level documents are made available for the demonstration of performance</p>
<b>Internal Audits</b>	<p>SIETK has planned, established, implemented and maintained an audit program. Audit criteria and scope for each audit is defined. Internal audits are being conducted once in semester.</p> <p>Auditors are selected such that there is no impartiality in the audit process.</p> <p>Number of nonconformities identified during internal audit system were well taken with both correction and corrective action.</p>
<b>Management Review</b>	<p>MRM is planned once in 6 months.</p> <p>Regular reviews at department and college level are organizing by Principal/HOD and minutes of same were verified and found in order.</p>
<b>Incident, Nonconformity and corrective action</b>	<p>Incident register maintained, with correction and corrective actions taken.</p> <p>No environmental incidents happened till now in the campus</p>
<b>Continual improvement</b>	<p>Continual Improvement is done by promoting the participation of students and employees in implementing E &amp; En MS Management system</p>

**Overall Recommendations and conclusion:**

<p><b>Recommendations:</b></p> <p>Environmental awareness among staff may be improved,</p> <p>Awareness on the ISO 14001 and ISO 50001 standard with supporting staff to be planned.</p> <p>Air Quality Monitoring records to be maintained</p>
<p><b>Conclusions:</b> System is compliance with the requirements of ISO 14001:2015 and ISO 50001:2011 after action initiated on the Minor Non conformities identified. The corrective action plan with objective evidence of closure of non conformities was approved by the team leader and recommended for issuance of Certification in accordance with ISO 14001:2015 &amp; ISO 50001:2011.</p>

**Name of the Lead Auditors and Sign**

**Name: Mr.K.S.N.Prasad**

**Signature:**



**Date: 18.10.2019**

