

Self-Study Report
1st Cycle (Re-Assessment)

Matrix 7.1.6
Energy Audit Report (with certification)

Self-Study Report
1st Cycle (Re-Assessment)

Matrix 7.1.6
Energy Audit
ISO 50001:2018
By- IR CLASS Systems & Solutions Pvt. Ltd
Dated – 07.10.2022

CERTIFICATE OF APPROVAL

Issued by Indian Register Quality Systems
(A Division of IRCLASS Systems and Solutions Private Limited)

This is to certify that the Energy Management Systems of

Organisation: RNB Global University

Address: RNB Global City,
Ganganagar Road,
Bikaner, Rajasthan - 334601

has been assessed and found conforming to the following requirement

Standard: ISO 50001:2018

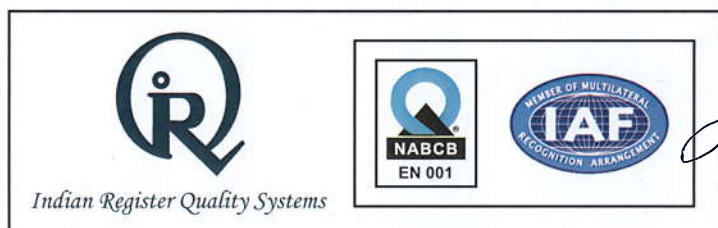
Scope: Energy Management of R.N.B. Global
University Premises

Certificate No.: IRQS/221001028

Initial Certification Date : 07/10/2022

Current Date of Granting : 07/10/2022

Expiry Date : 06/10/2025




Shashi Nath Mishra
Head IRQS

This approval is subject to continued satisfactory maintenance of the Energy Management Systems of the organization to the above standard which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. EN 001. Condition Overleaf

COA/IRQS/NABCB/EnMS/Rev 01

Head Office: 52A, Adi Shankaracharya Marg, Opp. Powai Lake, Powai, Mumbai - 400 072, India.

Indian Register Quality Systems
(A Division of IRCLASS Systems and Solutions Pvt. Ltd.)

52A, Adi Shankaracharya Marg, Opp. Powai Lake. Powai, Mumbai - 400 072. Phone No.: +91 22 71199800 Fax: +91 22 71199826
CIN: U74120MH2014PTC254091 Email: irqs@irclass.org Website: www.irqs.co.in

31 AUGUST 2022

TO WHOM IT MAY CONCERN

This is to declare that M/s "RNB Global University" located at "RNB Global City, Ganganagar Road, Bikaner, Rajasthan – 334 601" has successfully undergone Certification Audit held recently from 26 – 27/08/2022 and recommended for issuance of Certificate for ISO 50001:2018 Standard with the following Scope of Certification:

"Development and Delivery of Educational Programs fulfilling requirements of the Award of Bachelor's, Master's, and Doctoral Degrees in Commerce, Management, Law, Basic Sciences, and Agriculture".

The above said Certificates are under process and shall be issued soon.

This declaration is being issued at the request of "RNB Global University".



Aftab Alam

Zonal Head – North, IRQS.

Add: 104, Copia Corporate Suites, District Centre Jasola,
New Delhi – 110 025.

Mob: 98187 86777.



Indian Register Quality Systems
(A Division of IRCLASS Systems and Solutions Pvt. Ltd.)

52A, Adi Shankaracharya Marg, Opp. Powai Lake. Powai, Mumbai - 400 072. Phone No.: +91 22 71199800 Fax: +91 22 71199826
CIN: U74120MH2014PTC254091 Email: irqs@irclass.org Website: www.irqs.co.in

Our Ref: IRQS/R/7474

Date : 20th July 2023

M/s. RNB Global University
RNB Global City, Ganganagar Road,
Bikaner, Rajasthan – 334601

Kind Attn: Mr Shailender Bhati

Dear Sir,

Sub: "Certificate of Approval" to ISO 50001:2018 Standard

Please refer to the Certification Audit carried out at your organization from 26th to 27th August 2022.

We are pleased to enclose herewith the "Certificate of Approval" (IRQS/221001028) in Two originals. The Logo and the procedure of Usage of Mark/ Logo is forwarded through E-mail ID : registrar@rnbglobal.edu.in

We request you to maintain a record of usage of all the Original Certificates, which are being now sent to you. It will also be necessary to maintain a record of all reproductions you make of this certificate e.g. in advertisements, in commercial brochures. This information will be verified by IRQS auditors at the time of Surveillance Audits.

You are required to promptly notify IRQS of any changes (intended or already affected) to your quality management systems or any other changes which may affect conformity to the certified scope) either wholly or partly.

Please note that the submitted logo through e-mail dated 20th July 2023 shall be used only up to the Expiry date mentioned on the Certificate of Approval or until such time that the Certificate is renewed for a further period. Details of your Certificate along with the scope and Expiry date will be made available to anybody on request.

Kindly note that the Logo shall not be used if the Certification is placed under suspension or is withdrawn. The Status of Suspension or Withdrawal will be updated in Website and made available to anybody on request.

It is a responsibility of client organization to immediately inform IRQS, in case of any major incident related to product or service failure / Environmental / Health and Safety / breach of Information security / on the receipt of any legal notice or show cause notice from any statutory or regulatory authority or under legal requirement.

-: 1 :-



-: 2 :-

Based on the receipt of any of the above information from authorized personnel of organization or any other source, IRQS may be required to carry out a 'Special Audit' to verify the corrective action taken.

Kindly refer our Website www.irqs.co.in for the Certification Scheme, which shall be applicable during the period of validity of this Certificate of Approval.

Three Year Audit Plan:

- Surveillance audits shall be conducted at least once in a calendar year.
- The date of the first surveillance audit following initial certification shall not be more than 12 months from the certification decision date of Stage 2/ Recertification audit.

Annual second surveillance audits shall be completed between 21-25 months from certification decision date of Stage 2 / Recertification audit.

[NOTE: If organization has opted & agreed upon for more than 2 Surveillance Audits then the Surveillance Audits shall be planned & conducted as per the Order acceptance.

Please note, if the surveillance audits are not undertaken within the stipulated time period, the certificate will be automatically suspended. Revocation of suspension would be subject to satisfactory completion of audit process, which may involve additional man-day of audit and additional charges as per prevailing manday rates.

You are advised to undertake the Renewal Audit at least 3 months prior to the expiry date of certification to maintain continuity of the Certificate.

In case of any further clarification, please feel free to revert on irqs@irclass.org

Kindly acknowledge receipt.

Thanking you.

Yours faithfully,
For INDIAN REGISTER QUALITY SYSTEMS





(S.N. Mishra)
HEAD - IRQS



Encl: Certificate of Approval (Two Originals)



 © INDIAN REGISTER OF SHIPPING 1993	Indian Register Quality Systems [A Division of IRCLASS Systems & Solutions Pvt. Ltd.]		IV IQRS:FORM:44:02	
			Eff. Date	: 01-04-2021
			Developed by	: NR
			Approved by	: HEAD-IQRS
Stage I Audit Report for EnMS Scheme For ISO 50001:2018				

01)	Name of the Client	RNB Global University
02)	Address of HO & Site(s)	RNB Global City, Ganganagar Road, Bikaner, Rajasthan – 334601
03)	File Number	IRQS/ R / 7472 / EnMS 2018
04)	Name of "Head of Organization" / Unit	Mr. Shailendra Barath
05)	Name of Organization Representative coordinating with CB	Mr Shailendra Barath
06)	Audit Criteria	<ul style="list-style-type: none"> • ISO 50001:2018, • Documented Information related to EnMS • Applicable legal and other requirements
07)	Date of Audit	13/08/2022
08)	Type of Audit	Stage I Joint/ Combined / Integrated / Remote
09)	Audit Objectives: Stage I. <ul style="list-style-type: none"> ➤ Confirmation of scope and boundaries, of the EnMS for certification; ➤ Review of the organizations facilities, equipment, systems and processes for the identified scope and boundaries; ➤ Confirmation of the number of EnMS effective personnel, energy sources, significant energy uses and annual energy consumption, in order to confirm the audit duration; ➤ Comprehensive Review of Documentation at Site. Its linkage to Company Processes and Systems and requirement Compliance of ISO 50001 ➤ Review context, interested party requirements and identification of risks and opportunities. ➤ To determine the extent of implementation and conformity of the organization's Management System with the audit criteria. ➤ Legal and Other requirements and their evaluation as they apply to all Energy Uses of the organization. ➤ To identify the Areas of Concern if any of the Management System to be complied before Stage II Audit. ➤ To gauge the level of awareness of EnMS concepts, policy at all levels ➤ To verify persons responsible for EnMS implementation, functioning of the Energy Team, ➤ Review of the documented results of the energy planning, objectives; ➤ EnMS application to New Designs and Procurements of energy and equipment. ➤ Effectiveness of Internal Audits and Management Review. ➤ To decide the preliminary action plan for Stage II Audit 	
10)	Scope of Certification: (If Multi-site audit, then scope as applicable for each site should be mentioned) SOC to be attached.	Development and Delivery of Educational Programs fulfilling requirements of the Award of Bachelor's, Master's, and Doctoral Degrees in Commerce, Management, Law, Basic Sciences and Agriculture.
11)	Boundaries of EnMS and excluded processes if any. (If Multi-site audit, then boundary as applicable for each site should be mentioned) Note: Energy type cannot be excluded from boundary. e.g. If organization uses Electricity, Furnace oil and Diesel then consumption of energy from all should be taken for energy planning.	Inbound and Outbound of Vehicles. 



12)	During Stage I confirmation of data wrt data in Questionnaire	1.	EnMS effective personnel	Nos.
	Confirmation of scope and boundary and data (attach Form 107 during stage I)	2	No. of energy sources (e.g. Electricity/coal/F.O etc)	Nos. One (Electricity)
	Data to be filled in adjacent table also.	3	No. of SEUs	Nos. Two
	NOC to be attached for any changes.	4	Total annual energy consumption (in Tj (Terra Joules or other units)	
13)	Changes to the audit objectives, audit scope or audit criteria (e.g. physical location, organizational units, activities ,processes, facilities, equipment etc which affect energy performance), if any: Please attach "Notice of Change"	No		
14)	Energy centric Outsourced Processes and controls.	Calibration, Security, House keeping No energy centric process is outsourced		
15)	Audit Team Details (Team Leader, Team Member, Provisional Auditor, Provisional Team Leader, Evaluator, Industry Expert Any accompanying persons; e.g. Guides, Observers, Translator etc)	Name		Role
		A K Tiwari		Team Leader
16)	Audit conducted at [Physical location(s), as applicable]	Address	Date of Audit	Functions/ Process(es) /Activities audited at the Location/Site
	Head office	RNB Global City, Ganganagar Road, Bikaner, Rajasthan – 334601	13/08/2022	Top Management, Doc. Cont., Int. Aud., MRM & Admin (Clause No. 4, 5, 6, 7, 9, 10) Academics(Clause No. 8)
	Permanent site(s)	NA		
	Temporary site(s)	NA		
17)	To comment upon any adverse conditions if any (e.g.; power outage, Fire, Flood, specifically related to the condition of the sites affecting the auditing activities). No adverse condition faced during the audit			

Audit Findings

SEC A : Statement On The Management System(s) Effectiveness For The Following (please make brief statement giving evidence where relevant)

1.	Scope Justification (In case of multisite, for each site).
➔	Only one site
2.	Whether EnMS requirements applied to all processes in the scope and within boundary?(For multisite boundary for each site defined?),Any exclusions? Note: An Energy type cannot be excluded from boundary.
➔	Exclusion - In bound and out bound transportation Main process is teaching within the university campus, for this the facility used like light, AC being operated by using electricity is monitored.



3.	Whether internal, external issues, interested party requirements, risks and opportunities addressed. Mention examples.
→	Organization has identified the list of Internal and External Issues along with their Risks & Opportunities Doc. No. RNB/IEI/02 verified and found satisfactory Internal Issue identified - Competence, Management, Students, External - Statutory compliance, Community, Changes in the curriculum, Changes in teaching course
4.	What are the applicable legal and other requirements identified? (e.g. EC Act 2001 as amended 2010, ECBC, PAT scheme...)
→	Legal requirement identified is power factor. Checking of earth pit and the requirement of UGC
5.	Is Energy Policy statement available, adequate? How is it communicated?
→	Energy Policy available and is adequate. It is communicated in meetings and through display boards and notice board
6.	Is Energy team formed? (state number in team and comment on composition)
→	Two person have been nominated by Top Management - Mr. Shailendra Barath (Professor) / Dr. Dipali Gupta
7.	Is methodology for energy review documented? What is the criteria applied to identify SEUs? No. of SEUs identified.
→	Energy review is done by analysing the electricity consumption which is including all the equipment connected to electric source. Main use in Lighting and Air conditioner. These have been identified as SEU - 02 numbers
8.	Are static factors and relevant variables identified? Mention a few examples.
→	There is no static factor. Variables identified are - Atmospheric condition, Number of students occupying the class room
8.	What are the objectives for EnMS identified? Are the action plans available to achieve objectives? Mention examples.
→	Objective identified - 2% saving over previous year. Action plan available - To fix timer in street light for switching ON and OFF
9.	Are energy baselines established? What is the data period used?
→	Base line established for a period of one year 2021 but this being COVID period there no students present in class room as classes were held remote. Data being collected for period of 2022 and then the result will be compare able.
10.	Are operational controls of energy intensive processes related to SEUs. available? (e.g. Process temperature, time, pressure...)
→	Operational control are there but only signage e.g. witch of light/ AC when not in use. Temperature set to be 25-26degree
11.	Is adequate metering available for measurement of energy consumption of SEUs? E.g Electricity, temperature, time etc. (mention details)
→	Presently one meter provided by Rajasthan Electricity Board. They have a plan to have energy meter block wise, but the same has to be approved by board.
12.	Is least one Internal Audit & Management Review completed? (mention details)
→	Frequency of Internal audit and MRM is every year Internal Audit Plan and Schedule verified. Last Internal Audit held on 03/06/2022 verified. No NC raised during internal audit 06 observation raised and same has been addressed. Last MRM held on 10/06/2022 verified. All points have been suitably recorded as per the requirement of the Standards verified.
13.	Consideration of EnMS in plant design, extension, renovation, refurbishment, new facilities addressed?
→	Procedure is there for control of design. It defines to use energy efficient equipment when new building is constructed and to see that the building is green.
14.	Consideration of EnMS in procurement of energy (coal, oil.) and equipment (e.g. Motors, boilers, A/Cs...) addressed?
→	Presently no procurement. Procedure refers to that it need to carry out that energy efficient item is procured.
15.	Information for planning stage 2 audit: Specific information about processes, site related, multi sites if any, distance between them, travel related info. etc.
→	The organization is interested in going in for stage-2 audit by Sept'22
SEC B : Audit Findings - Areas of Concern	
No. of Areas of Concerns: Nil	
AOC (List statements of all AOCs with ISO 50001:2018 clause nos. as applicable)	
SEC C : Any Unresolved Issues	
Nil	



SEC D : Audit Program [To be filled for one cycle, upto Renewal]

Type of Audit	Stage 1		Stage 2 / Renewal/ Recertification		Surveillance # 1		Surveillance # 2		Renewal/ Recertification	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Date Of Audit	Aug'22	13 th Aug	Augt'22	26 th & 27 th Aug'22	Aug'23		Aug'24		July'25	
No. of Mandays	01	01	1.5	1.5	01		01		1.5	

*Site(S) / Department/ Functions / Processes	Stage 1		Stage 2 / Renewal/ Recertification		Surveillance # 1		Surveillance # 2		Renewal/ Re- certification	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Top Management	✓	✓	✓		✓		✓		✓	
MR - Document Review, IA, MRM, Improvement Plan	✓	✓	✓		✓		✓		✓	
Operation - Energy consumption and its analysis	✓	✓	✓		✓		✓		✓	
Training and Purchase	✓	✓	✓				✓		✓	
Monitoring and Measurement	✓	✓	✓		✓		✓		✓	
Shifts audit (at least once in a cycle, if applicable, Processes to be audited in each shift)										
[*Sub-Division in the Department, Processes, Sub-Processes, Activities involved & audited under One Heading to be specified in the "Site(S) / Department/ Functions"]										

NOTE:

- 01) Basic processes of MR & others as required for verification of applicability of the Scope of Certification shall be audited in each visit.
- 02) Dominant applicable clauses for respective Department/ Functions / Processes to be verified [Refer SEC B: Summary of Conformity.
- 03) Information required in this Audit Programme is to be updated during First Assessment of the auditee organization in a given cycle i.e. Stage-1 / Transfer / Renewal Audits / Subsequent Audit if there is any modification of Scope (reduction / extension) / Site(S) / Department/ Functions if not audited as planned.
- 04) Information provided shall remain for guidance purpose only for the Audit Team of subsequent audits in the cycle & hence, shall not be binding w.r.t. additional functions to be audited and / or clauses to be audited in each function to confirm compliance to the respective audit criteria.

SEC E : Effectiveness of audit objectives achievement: : [Please mark 'Tick - ✓' as applicable for Onsite audit and Remote Audit]

On-site and Remote Audit	Effectiveness		
	Achieved	Not achieved	Remarks on what is not achieved or raised it as AOC
Demonstration of Leadership commitment	✓		
Determination of External & Internal issues	✓		
Needs and expectation of Interested parties	✓		
Access to Legal & other requirements and their compliance	✓		
Process of Setting of objectives and achievements.	✓		
For Operational control	✓		
Process of Performance monitoring and continual improvement.	✓		
Effective conduct of Internal audit and Management review.	✓		
Process of addressing any changes, Management of change.	✓		

REMOTE AUDIT (USING ICT)

The Below Ticked ICT has been used in carrying out audit/assessment and the effectiveness of ICT in achieving the audit/assessment objectives are as noted below:



Based on the Input received in IV IRQS:REC:52 A the following ICT were used: (Tick ✓ which were used), any other means if used please include the same for comments on its effectiveness for achieving the objectives).	Used to gather objective evidences.	Effectiveness	
		Achieved for	Not achieved or Not fully achieved: for
Micro Soft Team Meeting ✓ ZOOM Go-To Meetings Video conferencing WhatsApp Video call Skype. Use of Drone	Virtual site visit – Based on respective scheme requirements.	✓	
	Operational activities (EG: Process parameters, Operational control etc.).	✓	
	Sharing of Documents, Documented information, Records on Screen	✓	
	Interview with personnel	✓	
	Uninterrupted connectivity throughout audit duration.	✓	
	Overall Audio / Video clarity.	✓	
	Sharing of photos	✓	
	Documents through mails in time.	✓	
	Maintain Integrity of the audit / assessment process.	✓	
	Usage of Drone		Not required
	Objectives of Current Type of audit as noted above under Section 9 of this report.	✓	
	Any other additional information from FORM 52 A / observations.	✓	
	Based on the above:		
Additional Manday required to cover the processes for which objectives not fully achieved	YES (Please mention the audit duration that would be required)		NO
Audit Programme amended.	YES (Please amend the audit program accordingly with appropriate justification)		NO

SEC F : The audit objectives of Stage – I have been verified through off-site audit/ on-site audit /remote audit. The audit team conclude and recommend for :			
	1)	Can proceed for Stage-2 Audit	Yes
	2)	Can Proceed for Stage-2 Audit subject to the acceptance of actions taken for the noted "Areas of Concern(s)"	X

Instructions for Corrective Action Plans Submission:

Responsibility: It is IRQS's client's responsibility to provide complete and timely responses to finding reports.

Client is required to submit action taken report on the Areas of Concern with documentary evidences, which will be verified by IRQS. Stage II audit can be planned only after acceptance of the ATR. The stage II needs to be completed within 90 days of completion of stage I audit, failing which the stage I audit will be required to be repeated.

To dispute an audit finding:

The Dispute and Appeals Process is to be used by clients who wish to dispute a certification decision. It also applies in the case of clients who are not satisfied with the results of the dispute process and wish to appeal the decision.

Disclaimer:

Audit methodology was sample based. Random Samples were chosen from the areas covered in the scope. This is to assess suitability and effectiveness of Management System. Any sampling carries certain amount of uncertainty in auditing. Whenever the ICT facility used for gathering audit evidences the risk associated with poor connectivity of audio / video are taken into the account for uncertainty in auditing. Audit recommendations are subject to an independent review prior to a decision concerning the awarding, renewal of certification or follow-up / re-audit.

Confidentiality:

We assure that the information obtained during the audit will be maintained with utmost confidentiality.

Appeal: Our system has a provision of appeal with regards to audit process, difference of opinion and audit report. The client has every opportunity to appeal, dispute or complain against the decision of the auditors.

Should you wish to Contact IRQS in relation to any queries

Indian Register Quality Systems


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Opp. Powai Lake, Powai, Mumbai - 400 072.

Tel. No.:+912230519800 Fax No.: + 91 22 2570 3611

Team Leader Name	A K Tiwari	Signature & Date: <i>Sanjay Singh</i>
Auditee Representative Name	Mr. Shailendra Barath	Signature & Date: 13/08/22



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			Eff. Date	: 09-02-2022
			Developed by	: NR
			Approved by	: HEAD-IRQS
Audit Report for ISO 50001:2018 (Stage II/Renewal/Surveillance)				

01)	Name of the Client	RNB Global University
02)	Address of HO & Site(s)	RNB Global City, Ganganagar Road, Bikaner, Rajasthan – 334601.
03)	File Number	IRQS/ R / 7472 / EnMS 2018
04)	Name of "Head of Organization" / Unit	Dr. Dipali Gupta, Registrar
05)	Name of Organization Representative coordinating with CB	Mr Shailendra Barath
06)	Designation of the Client Representative (Management Representative)	Professor
07)	Audit Criteria	<ul style="list-style-type: none"> • ISO 50001:2018 • Documented Information related to EnMS, • Applicable legal and other requirements, • Action taken on previous audit findings.
08)	Date of Audit	26 th Aug'22 to 27 th Aug'22
09)	Type of Audit	Stage II Remote
10)	Audit Objectives: Stage II/Surveillance/Recertification <ul style="list-style-type: none"> ➤ To verify action taken on the Areas of Concern/NCs identified in stage I/previous audit. ➤ To verify internal and external issues, requirements of internal and external parties, risks and opportunities with reference to EnMS and actions taken to address the same and effectiveness of same.. ➤ To verify support provided for EnMS including competence, awareness and communication. ➤ To verify energy planning, energy review to the energy centric processes. ➤ Compliance to legal and other requirements. ➤ To verify objectives, targets, action plans and review. ➤ Collection and analysis of Energy data, ➤ To verify control on operations ➤ Service Provider Management Process and Evaluation against Contract derived Energy Performance Indicators. ➤ EnMS application to New Designs and Processes. ➤ Consideration of energy performance in procurement of energy (fuel) and equipment. ➤ Performance evaluation including compliance with Legal and Other requirements. ➤ Effectiveness of Management Review in driving Continual Improvement. <p>To gather the necessary audit evidence to determine whether or not energy performance improvement has been demonstrated prior to making a certification or continuation decision. (Confirmation of energy performance improvement is required for granting the initial certification and continuation and recertification.)</p> <p>Note1: The recertification audit shall also take into account any major change in facilities, equipment, systems or processes.</p> <p>Note2: To verify the above audit objectives, in case of Remote audit carried out using ICT facility for gathering the audit evidences by utilizing the computer-assisted techniques such as MS Team, Skype, Video conferencing, webinar, information available in soft etc. as applicable.</p>	
11)	Scope of Certification: (If Multi-site audit, then scope as applicable for each site should be mentioned)	Development and Delivery of Educational Programs fulfilling requirements of the Award of Bachelor's, Master's, and Doctoral Degrees in Commerce, Management, Law, Basic Sciences, and Agriculture.
12)	Boundaries of EnMS and excluded processes if any. (If Multi-site audit, then boundary as applicable for each site should be mentioned)	Inbound and outbound transport.



13)	Changes to the audit objectives, audit scope or audit criteria (e.g. physical location, organizational units, activities, processes, facilities, equipment etc which affect energy performance), if any: Please attach "Notice of Change"	NO		
14)	Energy centric Outsourced Processes and controls.	No activity outsourced related to energy centric activity		
15)	Audit Team Details (Team Leader, Team Member, Provisional Auditor, Provisional Team Leader, Evaluator, Industry Expert Any accompanying persons; e.g. Guides, Observers, Translator etc)	Name	Role	
		A K Tiwari	Team Leader	
		S K Singh	P Auditor	
16)	Audit conducted at [Physical location(s), as applicable]	Address	Date of Audit	Functions/ Process(es) /Activities audited at the Location/Site
	Head office	RNB Global City, Ganganagar Road, Bikaner, Rajasthan – 334601	26 th & 27 th Aug'22	MR process, College Building, Monitoring and measurement
	Permanent site(s)	NA		
	Temporary site(s)	NA		
17)	To comment upon any adverse conditions if any (e.g.; power outage, Fire, Flood, specifically related to the condition of the sites affecting the auditing activities). There was no adverse condition			

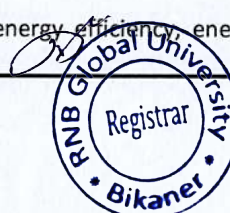
Audit Findings			
SEC A : Comments on the Effectiveness for the Closure of Previous Audit Findings:			
Findings		Comments on the effectiveness for the closure	
No. of Previous audit NCs:	Nil		
No. of Areas of Concerns raised during Stage 1 Audit:	Nil		
SEC B : Summary of Conformity assessment : Annex A (matrix) to be filled and attached.			
<input type="checkbox"/> Annexure : A : Energy Management Systems – ISO 50001:2018			
SEC C : Statement On The Management System(s) Effectiveness For The Following (please make brief statement giving evidence where relevant)			
01)	Justification of the activities within the scope of certification (Scope verification). Whether EnMS requirements applied to all processes in the scope and within boundary.		
➔	<p>The RNB Global University has 86 acre Campus. It is situated 20 Km from Bikaner city in rural area. In vicinity of campus, there is no river and natural forest. Indira Gandhi canal distributaries is at a distance of 8 km. No military or defence establishment nearby with any of their environmental obligation.</p> <p>Faculty staff, students and employees commute from their residences on their own vehicles and by the bus service provided by the service provider with whom university has a contract. Separate hostel accommodation for boys and girls available. The campus has five blocks a. Admin b. Academic c. Boys hostel and d. Girls hostel and e. Sports complex. Presently the monitoring is by checking the electricity bill which is received at end of month.</p> <p>Justification - Students are enrolled into a stream based on their application received and after scrutiny. The students are evaluated by taking exam.</p>		
02)	Internal and external issues identified with examples.		
	Internal Issue identified - Competence, Management, Students,		



	External - Statutory compliance, Community, Changes in the curriculum, Changes in teaching course					
03)	The identification, analysis and understanding the needs and expectation of interested parties (Customers, Suppliers, Statutory authorities, Corporate energy related policies etc.). Mention examples.					
➔	Interested Party	Need	Expectation			
	Parents	Their child gets good teaching	Succeed in their life			
	Students	Competent professor	Resolve and guide them to resolve any problem			
	Management	More students and course	Have name in the society			
	Statutory Body	Compliance of the rules	Meet the compliance in time			
04)	Risks and Opportunities identified in processes with plan for mitigation of risks and exploitation of opportunities. Mention examples.					
	Activity	Risk	Threat / Opportunity	Mitigation Plan/ Action		
	Lighting and Air Conditioning in class rooms and work area	Misuse of power when no activity is performed	Students and staff and faculty - who often forget to switch off power	Motion sensors installed in classrooms and conference halls to stop electrical appliances when no motion detected		
	Street light		Students and staff and faculty - who often forget to switch off power	Streetlights have timer based centralized control to switch it off as per program.		
	Use of Air conditioner		Students and staff and faculty - who often forget to switch off power	Smart energy management system installed for controlled air conditioning at each classroom to control temperature according to programmed timetable.		
05)	Applicable legal and other requirements and compliance (e.g. EC Act 2001 as amended 2010, ECBC, PAT scheme)					
➔	PAT cycle as such not applicable, but organization is trying to monitor the power factor and check the earth pits and maintain the electrical equipment in good condition. Other legal requirement is as under - The 42nd amendment introduced Article 48A, part of the Directive Principles of State that read, "The State shall endeavour to protect and improve the environment and to safeguard the forests and wildlife of the country." Article 51A (g), part of the Fundamental Duties read, "It shall be the duty of every citizen of India to protect and improve the natural environment".					
06)	Energy Policy statement, communication					
➔	Energy Policy is available and signed by the top management. It is in line with activity being carried out by the organization.					
05)	Competence, Training and awareness					
➔	Awareness training provided by consultant verified.					
06)	Determination of baseline and EnPIs (data period, variables, static factors...) with examples.					
➔	Base line has been taken by adding up the units received from electricity board for a period of one year jan'21 to Dec'21. The base figure is $70080/252 = 278$ unit/student. During this period it was Covid and classes were remote.					
	Electricity consumption					
	Month	Year 2021		Year 2022		Remark
		Unit	Amount	Unit	Amount	
	Jan	5460	101906	9120	110741	
	Feb	5460	100482	8820	109873	
	Mar	5520	95767	8160	103665	
	April	9240	112822	11460	159154	High Temperature
	May	5460	83164	20280	238147	High Temperature
	June	5400	81771	25740	291820	High Temperature
	July	5580	82471	19200	231588	High Temperature
	Aug	7260	97246			
	Sept	7060	104143			
	Oct	6660	94589			
	Nov	6180	8967			
	Dec	8460	106509			
	Total	70080	963328	102780	1244988	
	Avg	5840	80277.33333	14682.85714	177855.4286	



	EnPI (Unit/Student)	278.1		380.7																											
	<p>From December '21 the students have come to the campus. Hence the base line will be calculated again to have a clear picture</p> <p>In June'22 50 KW solar panel installed as improvement effect of will be visible from Aug'22.</p> <p>EnPI is number of units per student.</p>																														
07)	Energy review, identification of SEUs and management programs, reviews.(verification, with examples)																														
→	<p>Main source of energy is electricity and equipment consuming electricity is Air conditioner and Light. LPG which is used in canteen is very nominal hence not taken as SEU.</p> <p>SEU identified is Lighting and Air conditioner</p>																														
08)	The availability of resources necessary to support the operation & monitoring of these (management) process. (e.g. Energy teams, Energy Manager, metering other resources)																														
→	<p>Presently the monitoring is by the electric meter bill received by the Electricity Board. Have plan to take energy meter to monitor the consumption.</p>																														
09)	Operational control of energy intensive processes related to SEUs. (e.g. Process temperature, time, pressure...) including effectiveness of preventive/ predictive/ Reliability Centered Maintenance practices.																														
→	<p>The electrical equipment is switched off when not in use but there are instances when it is missed. To overcome this movement sensors are planned to be fixed and for street lights as per the sun light intensity timer will be fixed and program will be done</p>																														
10)	Monitoring of energy performance (method, frequency, parameters), analysis and corrective actions including investigations and organization's response to significant deviations in energy performance																														
→	<p>Monitoring of energy performance is done on monthly basis. Units consumed is point of discussion and comparison with previous month. The EnPI is calculated every month.</p> <p>LPG is monitored but same is outsourced target is given that the consumption to be less than 200Kg. It is not SEU.</p> <p>L.P.G. GAS (NO. OF CYLINDERS / MONTH JAN – JULY, 2022)</p> <table border="1"> <thead> <tr> <th></th> <th>JAN</th> <th>FEB</th> <th>MAR</th> <th>APR</th> <th>MAY</th> <th>JUN</th> <th>JUL</th> </tr> </thead> <tbody> <tr> <td>Average Gas Consumption in number of LPG Cylinders per month</td> <td>13</td> <td>14</td> <td>13</td> <td>12</td> <td>14</td> <td>12</td> <td>8</td> </tr> <tr> <td>Weight</td> <td>182</td> <td>196</td> <td>182</td> <td>168</td> <td>196</td> <td>168</td> <td>112</td> </tr> </tbody> </table>								JAN	FEB	MAR	APR	MAY	JUN	JUL	Average Gas Consumption in number of LPG Cylinders per month	13	14	13	12	14	12	8	Weight	182	196	182	168	196	168	112
	JAN	FEB	MAR	APR	MAY	JUN	JUL																								
Average Gas Consumption in number of LPG Cylinders per month	13	14	13	12	14	12	8																								
Weight	182	196	182	168	196	168	112																								
11)	Effectiveness of Internal Audit & Management Review Process																														
→	<p>Internal audit and MRM done yearly.</p> <p>Internal Audit Plan and Schedule verified. Last Internal Audit held on 03/08/2022 verified. Internal audit done by competent trained person.</p> <p>Last MRM hold on 23/08/2022 verified. All points have been suitably recorded as per the requirement of the Standards verified. Same chaired by Top Management</p>																														
12)	Consideration of energy performance in design of new, modified and renovated facilities, equipment, systems and energy-using processes with examples.																														
→	Design related to energy management system not found as no process has been changed.																														
13)	Consideration of lifetime energy performance in procurement of energy (coal, oil.) and equipment (e.g. Motors, boilers, A/Cs...) with examples.																														
→	Presently no AC has been changed or purchased hence no record found. Process is known to person carrying out purchase																														
14)	Other energy related initiatives like use of renewable energy, energy audits conducted etc.																														
→	50KW solar panel installed and is functional from July end. The result will be evidenced by end of Aug and it can be seen in the Sept bill.																														
16)	<p>Demonstrated improvements in energy performance through the application of EnMS. (mandatory requirement for granting and continuation of certificate)</p> <p>Results (tangible energy performance improvements including energy efficiency, energy use, or energy consumption realized since last audit)</p>																														



(State with specific values of energy saving achieved. (e.g. kCal/kg, Gkcal/T...) and also savings achieved in subsystems, use of renewable energy.

ELECTRICITY SPECIFIC USE.

Last 12 Months Consumption	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
	8460	9120	8820	8160	11460	20280	25740
Number of Enrollments of students	270	270	270	270	270	270	270
Specific Electricity Energy Use(kWh per student)	33.77778	32.66	30.22	42.44	75.11	95.33	
Justification for Variations in Specific Electricity consumption				Peak Summer	Peak Summer	Peak Summer	

17) Personnel Interviewed, including workers / contract workers

Name	Designation	Interviewed For	Conclusion
Mr. Shailendra Barath	Professor	Awareness	Aware of the standard

SEC D : Current Audit Non-conformity

a)	No. of Major NCs:		Nil	
b)	No. of Minor NCs:		Nil	
c)	NC No.	Clause No.	Statement(s)	Grading of NC (Major/Minor)

Criteria for Major Nonconformity as per ISO 50003:2014 shall be applied.

Major nonconformity : Classifying nonconformities as major could be as follows:

- audit evidence that energy performance improvement was not achieved;
- a significant doubt that effective process control is in place;
- a number of minor nonconformities associated with the same requirements or issue could demonstrate a systemic failure and thus constitute a major nonconformity

Strengths of EnMS (e.g. Focus, data acquisition, daily reviews, use of renewable energy...)

Opportunities For Improvement (To be listed)

More energy meter can be installed

Street light illumination may be checked and the watt of the bulb may be brought down

SEC E (a) : Maturity Of The Management System (how well the EnMS is established, implemented maintained and achieving intended results)

The system is in nascent stage. It will take time to mature

SEC E (b): Brief comments on Annexure to Questionnaire for Result of the review of the system (over period of certification), (applicable during renewal audits)

NA



SEC F : Comments on Usage of Marks / Logos (Accreditation / IRQS)

▪ NA

Use of Marks / Logos

Comments on verification of website for Use of Marks / Logos

Not used

SEC G (a) : Any Unresolved Issues

Nil

SEC G (b) : Any Other comments / observations

Nil

SEC H : Audit Program [To be filled for one cycle, upto Renewal]

Type of Audit	Stage 1		Stage 2 / Renewal		Surveillance # 1		Surveillance # 2		Renewal	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Date Of Audit	Aug'22	13 th Aug'22	Sept'22	26 th & 27 th Sept'22	July'23		July'24		June'25	
No. of Mandays	01	01	1.5	1.5	1		1		1.5	

*Site(S) / Department/ Functions / Processes [To be filled for one cycle, including Renewal]	Stage 1		Stage 2 / Renewal		Surveillance # 1		Surveillance # 2		Renewal	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Top Management	✓	✓	✓	✓	✓		✓		✓	
MR - Document Control, IA, MRM, Improvement	✓	✓	✓	✓	✓		✓		✓	
Operation	✓	✓	✓	✓	✓		✓		✓	
Training	✓	✓	✓	✓			✓		✓	
Purchase	✓	✓	✓	✓	✓				✓	
Monitoring and Measurement	✓	✓	✓	✓	✓		✓		✓	
Shifts audit (at least once in a cycle, if applicable, Processes to be audited in each shift)					✓					

[*Sub-Division in the Department, Processes, Sub-Processes, Activities involved & audited under One Heading to be specified in the "Site(s) [covering Temporary /Permanent] / Department/ Functions"]

NOTE:

- 01) Basic processes of MR & others as required for verification of applicability of the Scope of Certification shall be audited in each visit.
- 02) Dominant applicable clauses for respective Department/ Functions / Processes to be verified [Refer SEC B: Summary of Conformity.
- 03) Information required in this Audit Programme is to be updated during First Assessment of the auditee organization in a given cycle i.e. Stage-1 / Transfer / Renewal Audits / Subsequent Audit if there is any modification of Scope (reduction / extension) / Site(S) / Department/ Functions if not audited as planned.
- 04) Information provided shall remain for guidance purpose only for the Audit Team of subsequent audits in the cycle & hence, shall not be binding w.r.t. additional functions to be audited and / or clauses to be audited in each function to confirm compliance to the respective audit criteria.

SEC I : Effectiveness of audit objectives achievement: : [Please mark 'Tick - ✓' as applicable for Onsite audit and Remote Audit]

On-site and Remote Audit	Effectiveness		
	Achieved	Not achieved	Remarks on what is not achieved or raised it as NC
Demonstration of Leadership commitment	✓		
Determination of External & Internal issues	✓		
Needs and expectation of Interested parties	✓		



Access to Legal & other requirements and their compliance	√		
Process of Setting of objectives and achievements.	√		
For Operational control	√		
Process of Performance monitoring and continual improvement.	√		
Effective conduct of Internal audit and Management review.	√		
Process of addressing any changes, Management of change.	√		

REMOTE AUDIT (USING ICT)

The Below Ticked ICT has been used in carrying out audit/assessment and the effectiveness of ICT in achieving the audit/assessment objectives are as noted below:

Based on the Input received in IV IRQS:REC:52 A the following ICT were used: (Tick ✓ which were used), any other means if used please include the same for comments on its effectiveness for achieving the objectives).	Used to gather objective evidences.	Effectiveness	
		Achieved for	Not achieved or Not fully achieved: for
Micro Soft Team Meeting ZOOM Go-To Meetings Video conferencing WhatsApp Video call Skype. Use of Drone	Virtual site visit – Based on respective scheme requirements.	√	
	Operational activities (EG; Process parameters, Operational control etc.).	√	
	Sharing of Documents, Documented information, Records on Screen	√	
	Interview with personnel	√	
	Uninterrupted connectivity throughout audit duration.	√	
	Overall Audio / Video clarity.	√	
	Sharing of photos	√	
	Documents through mails in time.	√	
	Maintain Integrity of the audit / assessment process.	√	
	Usage of Drone		Not required
	Objectives of Current Type of audit as noted above under Section 9 of this report.	√	
	Any other additional information from FORM 52 A / observations.	√	

Based on the above:

Additional Manday required to cover the processes for which objectives not fully achieved	YES (Please mention the audit duration that would be required)	NO
Audit Programme amended.	YES (Please amend the audit program accordingly with appropriate justification)	NO

SEC J : Audit Team Recommendations

Based on the audit findings verified through Off-site audit / On-site audit/Remote audit, it is recommended that

1)	Certificate of Approval to the Management system is recommended to be issued / continued / fast track review (may lead to suspension or withdrawal of certification).	Yes
2)	Certificate of Approval to the Management System is recommended to be issued / continued subject to the acceptance of Proposed Corrective Action planned by _____ for the Non-conformity(ies) raised. DD/MM/YY	X



Instructions for Corrective Action Plans Submission:

Responsibility: It is IRQS's client's responsibility to provide complete and timely responses to finding reports.

Non Conformance submission:

General information: Submission of corrective action plans unless specified otherwise on the finding report; the client shall submit a corrective action plan within 30 days for Major NC and 60 Days for Minor NC from the last day of the audit activity to IRQS.

Use the Corrective Action Plan – Part A of the Non Conformance Report to document the Root Cause, Correction, and Corrective Action Plan along with your plan for verification of effectiveness and a target date for completion. Ensure that the actions taken will eliminate the cause of the nonconformities identified during the audit activity and prevent their recurrence.

For major nonconformities corrective action shall be submitted to IRQS as per the timeline specified by the Auditor. Major nonconformities typically require on-site verification of corrective action unless specified by the Auditor. Follow up audit shall take place within 60 days from the last day of the audit activity to IRQS.

All findings shall be closed before a recommendation for certification can be made.

In case of issuance of any Major NC or any other situation during surveillance audit(s) and or re certification audit(s), team leader requires to recommend a fast track review by IRQS which may lead to suspension or withdrawal of certification.

In Case of Non conformity raised during Re-certification audit, the client shall submit and ensure that the corrective action plan is accepted by IRQS before the certificate expiry date.

Closing of Non Conformance Reports:

During subsequent visit the auditor shall obtain objective evidence that the proposed corrective action has been implemented and verified as defined by the plan submitted by the client. Upon satisfactory completion of this activity, the auditor shall close the Non conformity report.

If it is determined that the Non conformity report can be closed remotely based on the review of objective evidence provided by the client, the review performed by the auditor shall satisfy the same requirements as if on site. In these cases, a follow up verification shall take place during the next visit.

Corrective actions verified as ineffectively implemented at future audits will result in a major nonconformity being issued.

To dispute an audit finding:

The Dispute and Appeals Process is to be used by clients who wish to dispute a certification decision. It also applies in the case of clients who are not satisfied with the results of the dispute process and wish to appeal the decision.

Disclaimer:

Audit methodology was sample based. Random Samples were chosen from the areas covered in the scope. This is to assess suitability and effectiveness of Management System. Any sampling carries certain amount of uncertainty in auditing. Whenever the ICT facility used for gathering audit evidences the risk associated with poor connectivity of audio / video are taken into the account for uncertainty in auditing. Audit recommendations are subject to an independent review prior to a decision concerning the awarding, renewal of certification or follow-up / re-audit.

Confidentiality:

We assure that the information obtained during the audit will be maintained with utmost confidentiality.

Appeal: Our system has a provision of appeal with regards to audit process, difference of opinion and audit report. The client has every opportunity to appeal, dispute or complain against the decision of the auditors.

Should you wish to Contact IRQS in relation to any queries

Indian Register Quality Systems

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Team Leader Name	A K Tiwari	Signature & Date: 28-08-2022
Auditee Representative Name	Mr. Shailendra Barath	Signature & Date 26.08.22

