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Thermal Guidelines for Data Centers

TRIANZ INTERNAL

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1. Glossary

Word/Abbreviation	Description

1. Introduction

This document gives detailed guidelines on how the temperature and relative humidity are measuredin data center.

1.1. Definitions/Acronyms/Abbreviations

Word/Acronym/Abbreviation	Definition/Description
Hygro-Thermometer	A device used to measure the relative humidity andtemperature
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers

2. Temperature and Relative Humidity Measurement

The temperature and relative humidity will be measured by Hygro-Thermometer placed inside the data center.

- The measured details will be noted down by the Security Personnel in the format mentioned in Appendix A, with a frequency of 2 Hrs. on all weekdays and weekends including company holidays (24/7)
- The acceptable range for temperature and relative humidity of Trianz data center are as given below:

Measurement	Trianz Acceptable Range
Temperature (°C)	15 °C to 25°C
Relative Humidity(%RH)	20% to 80% RH

- If the Temperature/Relative humidity if found to be out of allowable range, the security personnel will inform the same to IT Administrator through phone.

3. Appendix A: Format of Temperature and Relative Humidity measurement

Server Room Temperature and Relative Humidity Tracker						
S.No	Date	Time	Temperature(°C)	Relative Humidity (%RH)	Name	Signature

For Trianz Process Improvement Group (TPIG) Purpose Only

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Thank You

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