

HUMICLIMA

Platform of
Notifications and
Quality

P

N

Q



INTRODUCTION

Since the origins of Hemiclima in 1976, one of our main objectives has been to guarantee the Quality of our projects. However, Quality is not the only requested aim, but it is also necessary to meet certain deadlines and avoid budgetary deviations. Meeting these three objectives is the key to obtaining our Main Goal :

Customer Satisfaction

Being aware that the Main Goal is not always achieved and that the level of demand from both the Client and its Consultants is increasing, Hemiclima has created an IT software platform for internal use which helps us to improve our Quality standards called:

PNQ

Platform of Notifications and Quality



¿WHAT IS THE FUNCTION OF PNQ?

PNQ is an unique system that guarantees that Quality Control, Startup and Handover in our projects are carried out under standards that allow us to obtain the Satisfaction of our Clients as far as the performance of the installation is concerned.



OBJECTIVES

PNQ has been designed with the following objectives:

- 1) Homogeneity in the Quality Control, Commissioning/ Startup and Documentary submission for all our projects.
- 2) Total accessibility for our organization in order to provide on-line assistance anywhere.
- 3) Continuous improvement in order to apply the highest possible standards as set out in ISO 9001:2015, following the Quality Control and Quality Assurance policies for electromechanical installations and the experience acquired in other projects.



OPERATION



PNQ is an IT software platform programmed in a WebServer environment. Any site manager of any of our projects can connect remotely and thus access to the data matrix and documentation libraries. With this information, the PM will be able to manage the project from the point of view of quality control (QA / QC), commissioning (QCM) and handover (QHO).

All that information is stored in our NAS Ctera that it has a folder structure where documents are stored, so that it is very easy to access and to handle it conveniently.

SECTIONS IN PNQ

PNQ has the following sections:

- NOTIFICATIONS
- QA/QC
- QCM
- QHO
- TECHNICAL RELEASE NOTES
- PNQ REPORTS



QUALITY CONTROL

PNQ Tasks to carry out

Notifications

QA/QC

QCM

QHO

Technical Release Notes

PNQ Reports

PNQ provides the Project Manager with the necessary tools to apply QA (Quality Assurance) and QC (Quality Control) in our projects.



QA/QC

In this section of PNQ it has been established a work methodology by designing a test plan in Quality Assurance (QA) and Quality Control (QC) at the beginning of the project.

As the tests are carried out, they are registered in the platform with the signatures of the people in charge.

Periodically, our Quality Department evaluates those tests carried out.

Also in this screen Non-conformities can be registered and notified through the Quality Incidents. In this way we have a record of detected defects that will help us to control the possible weak points of the installation.



QA/QC

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QA/QC

Select some Quality Task

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Quality Plan

Non - Conformities

Quality Incidents

QA- Verifications

QC - Tests

QC - Verifications

PNQ Tasks to carry out

Notifications

QA/QC

QCM

QHO

Technical Release Notes

PNQ Reports

COMMISSIONING

Systematic process to ensure, verify and document that an installation and its systems are working in accordance with the design and operational needs requested by the customer.

Every commissioner requires a specific methodology, document management system and technical expertise.



QCM

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Select Commissioning Task

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Commissioning Plan

Machinery Lists

Work Methodologies

Precommissioning/ Commissioning

Measuring Devices

DOCUMENTATION

PNQ Tasks to carry out

Notifications

QA/QC

QCM

QHO

Technical Release Notes

PNQ Reports

The documentation to be provided to the future operator of the installation must be as complete as possible and coherently arranged.

PNQ enables a function that allows the creation of a volume of Technical Documentation where all relevant aspects for the correct operation and maintenance of the systems are included.



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Select QHO Task

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Scope of the Works

Contacts of Manufacturers

Catalogues of Manufacturers

Certificates of Guaranty

Software Licenses

Spare Parts Data Sheet

Delivery of Spare Parts

Minutes for Submission of
Documentation

Snagging Lists

Systems Manuals

Technical Data Sheet

O&M Manuals

Factory Tests

Equipment Parts Data Sheets

Recommended Spare Parts

Dossiers of Documentation Submission

Training

Minutes for the Installations Handover



QHO

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