

# **Quality Assurance Policy**



#### **Commitment of the Management**

Since the year of foundation, in 2001, "Redinet" CJSC has introduced a system of management by quality into all aspects of professional activities, daily operations and performance of the personnel, which the Company has continuously improved throughout the last decade. Existence of the systems is confirmed by international ISO 9001:2008, ISO 14001:2004 and ISO 27001:2005 certificates issued by Guardian Independent Certification Ltd. (GIC) quartered in the UK. The scope of the ISO Certificate covers the activities of Providing Design, Development, Manufacturing, Supply and Services in the field of Telecommunication, IT, Electronics and Data Analysis Control. By the decision of the Management, quality assurance implications should be applied also to the Company's products, maintenance services, sales/tendering processes, as well as customer care and customer retention. The Company staff is properly trained and instructed about the QA policy.

Most important quality assurance issues and requirements are constantly subjected to reviews and improvement in order to guarantee high level of customer satisfaction. The standards and techniques of professional performance and competent engineering services of "Redinet" CJSC have been highly evaluated by mobile operators in their appreciation letters.

The ISO 9001:2008 norms mainly cover the system of management which has impact on the quality of delivered products and provided services. The Management of "Redinet" CJSC understands that an ISO certificate is a guarantee of security, trust and of a reliable system of quality assurance and environmental issues management in the company. It is a system, which is continuously improved to ensure that the quality of services is satisfactory and meets customer expectations and needs in the highest degree possible leading to constant growth of the Company's value. The Company's goals, policy and management model enable provision of top level services. Quality Assurance Policy adoption is the major strategic direction of the Company's business activities. The QA policy is regarded as a useful tool for creation and management of effective business processes. The system formation will result in provision of services of consistently high quality, fully meeting our customers' expectations. Effective implementation of the Quality Assurance Policy and constant improvement of our performance is enabled by the ISO 9001:2008 management system, which is adopted in "Redinet" CJSC, as well as by the Management's commitment to respect all the arrangements in this area. To ensure implementation of the QA policy, the company Management employs an independent Quality Control and Assurance Manager subjected to the CEO and the President of "Redinet" CJSC.

"Redimet/ScopsCuspenseries/he following goals tin/nt/perfile.lon.objinput/a/itev/assurance: 24/7-24/8 Azatutyan Ave., Yerevan 0014, Armenia 3hn. +374 10 249106, 8шри. +374 10 200540 tt-флиш. "Redinet"@"Redinet".am | Tel.: +374 10 249106 Fax: +374 10 200540 E-mail: "Redinet"@"Redinet".am www."Redinet".am



- Strict compliance of the company's services with international, national, and corporate standards and requirements.
- > Responsibility to customers for the quality of the services rendered.
- > Cost efficiency of the services as compared with other companies operating in the market.
- > Development and implementation of new services that fully satisfy our customers' needs.
- > Continuous monitoring of complaints and claims from customers, and aim to maintain these at zero.
- Cooperation with the leaders of specific industries to deliver competitive and innovative solutions for our Customers;
- Use of carefully selected metrics, which enable monitoring and supervision of processes;
- stimulation of innovation among employees and motivating the employees to constantly improve the competences, which are necessary for professional fulfillment of their duties;
- Use of modern and innovative support tools, which are focused on improving the efficiency of processes, as well as increasing convenience and offering time-saving for Customers;
- Assuring safety of our customers' data.
- Positioning of the company as employing qualified staff trained to the required specialization level for performing the job, and
- Providing services of high quality.

#### **Quality Assurance Policy Implication on Rendered Services**

Quality Assurance Policy underlies all scope of services rendered by "Redinet" CJSC. The following two types of professional services are differentiated in the company's portfolio with specific testing and quality control rules and processes applied:

#### **Civil Works**

- Site acquisition including permissions
- S Site design (including project documentation and permissions) for:
  - General construction
  - Power line construction
- o Mobile sites, towers, masts and poles manufacturing, supply and installation.
- o Shelters manufacturing, supply and installation S Site construction (civil works, grounding and lightning)
- Power supply, including:
  - Acquisition of technical conditions and permissions
  - CTS, poles , cables supply and installations.

#### **Telecom Implementation**

- o Telecom equipment supply and system integration, including:
  - Wired/wireless solutions
  - MSC implementation
  - Networking devices: routers, servers
  - Network performance monitoring and analysis
  - Network adaptation and optimization
  - Network audit
  - Mobile network drive tests
- o Fiber optic
  - FO infrastructure supply and construction



- Design, project documentation & installations
- Fiber optic network maintenance
- Electromagnetic calculations.

# **Quality Control**

For both types of above described services, "Redinet" CJSC applies dedicated quality control procedures, which cover

- o Concrete Foundation
- o Steel Construction
- o Grounding and Lightning
- o Telecom Implementation

## **Quality Assurance Strategy**

"Redinet" CJSC strategy for achieving the QA goals is the following:

- Focus on the process management model and continuous improvement of the company services (in accordance with the market requirements).
- The QA policy development, implementation and maintenance in conformity with ISO 9001 international standards. Renewal of ISO certification will be applied by mid-January 2015.
- Satisfaction of customers' requirements to all services. Professional response to the customers' requirements within the shortest periods of time, ensuring highest quality.
- > Understanding of the customer needs, their present and future specific requirements.
- > Transparency customers obtain access to information on the quality of the services.
- Strict quality assurance procedures at all stages of the services life cycle, well-defined personnel responsibility for quality assurance.
- Primary focus on prevention of a possible deterioration in quality rather than on measures to restore the quality level.
- Consistent training of all personnel in the sphere of quality, each employee's participation in services improvement, rewards for quality improvement.

#### **Quality of Instruments and Devices**

In order to hand over highest quality work to our customers, "Redinet" CJSC invests heavily in acquisition of bestinclass sophisticated sets of own instruments, devices, analyzers and other equipment, which are in daily use by "Redinet" CJSC staff. The instruments park includes (but not limited to) Corning splicer, Fujikura 60S FO splicer, Corning



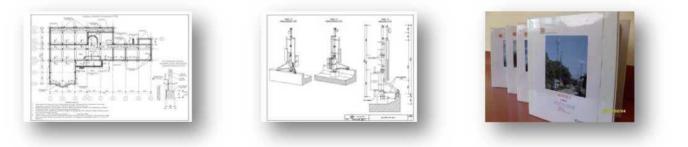
OTDR, Site Master Anritsu, GE Analyzer, E1 Analyzer, Power light meter, Grounding resistance, Trimble M- Series, Concrete tester, HP spectrum analyzer, R & S signal generatorAs part of the QA policy of "Redinet" CJSC, the quality and precision of instruments and devices used by "Redinet" CJSC is certified by our international partners,



manufacturers and vendors by means of periodic issuance of Certificates of Calibration for sophisticated instruments like SM OTDR Modules, OV-1000 Modular Main Frame, Diesel Generators, Oscillographs. As a demand of the national legislation, precision and conformity of instruments and devices are further certified by the National Institute of Metrology of the Republic of Armenia.

# Design and Project Documentation to Ensure Required Quality Level for Commissionin and Acceptance

In order to guarantee the required level of quality for our customers, the company Management has adopted a specific approach to put in place a dedicated project management model for every telecom and system integration project. The approach implies development project-specific design and documentation for every contracted assignment, while introducing into the documentation clear definitions and requirements of quality assurance aspects, supervision and inspection on all levels and stages of project implementation schedule by the company's and the customer's experts.



The matrix of responsibilities for quality assurance during project implementation process includes:

- o Project and permissions
- o Power supply design
- Unique towers design
- o Testing of each design in 3D modelling before manufacturing
- Static calculation
- o Seismic calculation
- o Calculation of stability and load
- o Electromagnetic compatibility calculation.
- o Civil works quality control



### Certifications

As part of every project implementation scope, "Redinet" CJSC provides for the following services of certification:

- o Certifications and expertise of telecom equipment
- o Certifications and expertise of telecom power systems
- o Partnership with dedicated certification and expertise company "Readicom" CJSC.

#### Licenses

Seven Governmental Licenses are obtained by "Redinet" CJSC for implementation of professional activities in the fields of civil construction, telecom sites construction, energy sites construction, transport roads and industrial construction, as well as development of documentation and expertise in the above fields.





### **Internal Structures Ensuring QA Policy Application**

"Redinet" CJSC Management has established a permanently working Steering Committee mandated to monitor and ensure the proper level of quality in all services rendered by the company to its customers community. It is the responsibility of the Quality Control and Assurance Manager of the company to organize and conduct the meetings of the Steering Committee. The following are the key measures that are used internally to ensure effective execution of the corporate aims and objectives of the Quality Assurance steering committee:

Internal Structure:	Purpose	Action Type and
Steering Committee		Frequency
Senior Management Team	To meet, discuss and make decisions on organization management and matters of importance to the QA Steering Committee.	Meet weekly
Management Policy	To disseminate information amongst senior staff, to discuss current projects and policy developments and to exchange ideas.	Meet bi-monthly or more frequently
Development Team	To discuss specific project developments and explore new ideas for future development	Meet bi-monthly or more frequently
All staff briefings	To ensure that all members of staff are informed of QA policy, projects and future developments in all functional areas.	Monthly or more frequently as the need arises
All staff policy sessions	To provide staff with an opportunity to consider important information and to create an environment for staff to collectively feedback on specific items	As necessary
Steering Committee members forum	To provide an opportunity for the senior staff of the Steering Committee to discuss matters of common relevance.	At least annually