

APPROVED,
Chief Inspector

**PROGRAM FOR QUALITY CONTROL OF
CONSTRUCTION WORKS**

REHABILITATION OF RAILWAYS BRASOV - SIMERIA, PART OF PAN EUROPEAN
CORRIDOR IV, TO RUN TRAINS WITH MAXIMUM SPEED OF 160 KM./H

- RUPEA HALT -

As beneficiary.....
• represented by.....

as designer**AREX LIDER COMPANY**
• represented by.....

as contractor
• represented by

According to Law no. 10/1995, HG no. 261/1994, HG no. 272/1994, HG no. 273/1994 and the norms in force,

Commonly agree upon this quality control program for construction works.

No.	Works to be controlled, checked or accepted from quality point of view that require written documents	Written document to be concluded: PV – report PVRC – quality acceptance report PVT – tracing report CRM – register book for received materials	Drawn up and signed by: I – Construction inspectorate B – beneficiary E – contractor P – designer	No. and date of concluded document
0	1	2	3	4

I	Substation rehabilitation drive			
1.1	Delivery-Receive Location	P.V.	B.E.	
1.2	Excavation works: check the flatness foundation share and quality of work	P.V.	B.E.	
1.3	Pouring the simple concrete for equalization : check in advance land before casting and thickness of concrete (including verification of the existence of quality certificates for materials)	P.V.R.C.	B.E.	
1.4	Execution of formwork for reinforced concrete for the machine foundations and drawing rooms, checking dimensions, formwork quotas and binding with anchors.	P.V.	B.E.	
1.5	Installation of steel reinforcement in concrete foundation columns, to the foundations and the cable equipment: checking the valves size, a coating and binding (including quality inspection certificates) - DETERMINED PHASE	P.V.R.C.	B.E.P.I	
1.6	Location and positioning of pillars in the foundation pits: verification rates both in plan and height (including verification of the existence of certificate of quality for materials)	P.V.R.C.	B.E.	
1.7	Casting of reinforced concrete in the resistance elements prior checking of the concrete pouring site and vibrating compaction (including verification of the existence of certificate of quality for materials)	P.V.R.C.	B.E.	
1.8	Stripping the resistance structure: checking the concrete surfaces and their quality	P.V.R.C.	B.E.	
1.9	Installing precast concrete elements and drawing rooms: checking layout, flatness, stability and relationship with photo mortar between precast and monolithic concrete structure	P.V.R.C.	B.E.	

	(including verification of the existence of certificate of quality for materials)			
1.10	Installation of concrete panels for enclosure: check leaks, checking catching the poles, quality execution and uniformity in height (including verification of the existence of certificate of quality for materials).	P.V.R.C.	B.E.	
1.11	Taking-Over-Determinant phase	P.V.	B.E.P.I.	
//	Control Block			
	Demolition, repair and reinforcement			
2.1	Breaking and excavation required in order to achieve the necessary goals	P.V.	B.E.	
2.2	Excavation required in order to achieve the goals necessary to recover technical channels and breaking the bushing foundation necessary to the cable channels	P.V.	B.E.	
2.3	Achieving adequate support	P.V.	B.E.	
2.4	Creating new goals stipulated in the work in foundation and floor lining technology	P.V.	B.E.P	
2.5	Evacuation of the overloads from demolition	P.V.	B.E.	
2.6	Decisive phase - installing reinforcement check for technical channels and inner liners foundation	P.V.R.C.	I.B.E.P.	
2.7	Concrete (technical channel restoration and bolster the foundation provided in the project)	P.V.	B.E.	
2.8	Checking the quality and appearance of the restored elements	Ledger bet. + certified	B.E.	
2.9	necessary breaking for removal of	P.V.	B.E.	

	existing masonry attic			
2.10	Setting new truss roof rafters in the recovery	P.V.	B.E.P.	
2.11	Decisive phase Taking-Over	P.V.R.C.	I.B.E.P.	

NOTE:

- Column 4 is to be filled in when the document provided in col. 2 is concluded.
- The contractor will notify in writing the other parties interested to participate with minimum 10 days before the date of checking.
- During the object acceptance, one copy of this program properly filled in will be attached to the Construction book.

BENEFICIARY:

DESIGNER:

CONTRACTOR:

AREX LIDER COMPANY