

Approved,
Inspector general

SCHEDULE TO CHECK THE QUALITY OF THE CONSTRUCTION WORKS

REHABILITATION OF THE RAILWAY LINE BUCUREȘTI – BRAȘOV, COMPONENT
PART OF THE IV PAN – EUROPEAN CORRIDOR, FOR THE TRAINS CIRCULATION WITH
MAXIMUM SPEED OF 160 KM/H

- SIGHISOARA STATION -

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

As a designer :**Italfer S.p.A – Scott Wilson – Obermayer – Tecnic – AREX LIDER
COMPANY**
represented by.....

As a contractor.....
• reprezentat prin.....

Complying with Law no. 10/1995, HG no. 766/1997, HG no. 272/1994, HG no. 273/1994
and the norms in force.

They agree together on this shedule to check the quality of the construction works.

Crt. No.	Works to be inspected, checked or taken over from quality point of view, for which written documents must be drawn up	Written document to be concluded: PV – Report PVRC – Report for acceptance the works quality PVT – Tracing report CRM – Register for material acceptance	Document concluded and signed by: I – inspection for constructions B – beneficiary E – contractor P – designer G –geotechnical engineer	No. and date of the concluded document
0	1	2	3	4
II PLATFORMS				
1.1	Survey for passages for the existing TCF, IE, TTR cables in order not to be destroyed and in front of them the precast elements shall be executed cast- in-place in order to be emdedded	PV	B.E.	
1.2	Site delivery - tracing the new platforms, according to the design	P.V.T.	B.E.P.	
1.3	Carrying out the necessary excavation in trenches	P.V.	B.E.G.	
1.4	Compacting the bottom of the	P.V.	B.E.	

	excavation, laying the levelling layer necessary the component elements			
1.5	Tracing and mounting the retaining wall type elements	P.V.T.	B.E.	
1.6	Constructing the installation networks, foundations for the lighting poles, for the torchère etc.	P.V.	B.E.	
1.7	Carrying out the compacted filling and laying the gravel layer and the polyethylene film	P.V.	B.E.	
1.8	Checking the mounting of the prefabricated slabs on the retaining wall-type elements, of the reinforcement in order for concreting between them for completing the cast-in-place zones and the level crossings	P.V.	B.E.	
1.9	Concreting the platform slabs	P.V.	B.E.	
1.10	Reception at the end of the works – Decisive phase	P.V.	B.E.P.I.	
II	REHABILITATED CANOPIES			
2.1	Carrying out appropriate proppings (using timbering and metal elements) at the canopy structure	P.V.	B+E	
2.2	Performing the appropriate strippings (exfoliated concrete, rust stained, visible reinforcement, degraded plasterings etc.)	P.V.	B+E	
2.3	Choosing intervention solutions as the case may be, in accordance with the specialized company and the specialized designer	P.V.	B+E+P	
2.4	Performing the required rehabilitation works for the canopy/canopies	P.V.	B+E	
2.5	Checking the overall gauge of the canopy (in plane and on a vertical direction)	P.V.	B+E	
2.6	Reception at the end of the works - DECISIVE PHASE	P.V.R.C.- F.D.	B+E+P+I	
III	TUNNEL CANOPIES			
	Dismantling works, reparations and consolidations			
3.1	The necessary dismantlings and crushings in order to achieve the wanted geometry in the case on the reinforced concrete socle	P.V.	B.E.	
3.2	Checking the mounting of the clamping system and of the reinforcement in the case of the concrete socles necessary for supporting the canopy	P.V.	B.E.P.	
3.3	Concreting the concrete socle necessary for the canopy	P.V.	B.E.	

3.4	Checking the mounting of frameworks from the metallic structure of the canopy		B.E.P.	
3.5	Checking the consolidation of the frame beam at the top of the staircase	P.V.	B.E.P.	
3.6	Checking the quality and the aspect of teh rebuilt elements	Condica bet. + buletine	B.E.	
3.7	Decisive phase Reception at the end of works	P.V.R.C.	I.B.E.P.	
IV	GSM-R ANTENNA			
4.1	Site Rendering – Reception	P.V.	B.E. P.	
4.2	Performing the excavation	P.V.	B.E.	
4.3	Checking the terrain stratification at the end of the excavation	P.V.	B.E.G.	
4.4	Decisive phase – Checking the mounting of the micropiles before injecting the mortar for concreting the micropiles - Checking the mounting of the micropile head	P.V.R.C.	I.B.E.P.	
4.5	Injection of mortar for concreting the micropiles	P.V.	B.E.	
4.6	Checking the foundation raft reinforcement before casting the concrete	P.V.	B.E.P.	
4.7	Checking the anchoring system from the rafter before casting the concrete	P.V.	B.E.P.	
4.8	Concreting the foundation raft	P.V.	B.E.	
4.9	Checking the quality and the aspect of the foundation	Conc. book. + note	B.E.	
4.10	Decisive phase Reception at the end of the works	P.V.R.C.	I.B.E.P.	
V	PROTECTION FENCE BETWEEN TRACKS			
5.1	Introducing the fence poles in the soil	P.V.	B.E.	
5.2	Mounting the fence panels	P.V.	B.E.	
5.3	Checking the correct mounting, the embedding of the fence in the soil, of their verticality and linearity	P.V.	B.E.	

NOTE:

1. Column 4 is to be filled on the date when the document foreseen at column 2 was concluded.
2. The contractor will inform in writing all the other concerned participants with minimum 10 days before the date when the checking is to take place.
3. At the taking over an objective, one copy of this completed schedule will be annexed to the Construction Book.

BENEFICIARY:

DESIGNER:

CONTRACTOR:

AREX LIDER COMPANY