



PROVINCIA AUTONOMA DI TRENTO



LA.T.I.F. Laboratorio Tecnologico Impianti a Fune

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PRICE LIST 2022 LA.T.I.F.
issued Deliberation of the Provincial Council
nr. 678 22 April 2022
in place from 02.05.2022

TABLE A) GENERAL FEES

Item	Description	Cost (euro)
A1	Fixed fee for every report or copy	66,00
A2	Staff cost for:	
A2.1	- Tests on site (test and transfer time, excluding strain gauges test)	
A2.2	- Working and construction of pieces to prepare the test	
A2.3	- Tests not included in this price list	
	- technician on hour	91,00
	- worker on hour	66,00
A3	Travelling expenses:	
A3.1	- Cost for the car and van according to public administration	sheer cost
A3.2	- Toll fees and similar, parking	sheer cost
A3.3	- Meals according to public administration refund	sheer cost
A3.4	- Overnight stay according to public administration refund	sheer cost
A4	Costs to purchase stuffs to perform the test	sheer cost



TABLE B) WIRE ROPE TESTS

Item	Description	Cost (euro)
B1	Casting head manufacturing	
	- For load up to 1200 kN	186,00
	- For load up to 1200 to 3000 kN	461,00
	- For load up to 3000 to 6000 kN	908,00
	- For load over 6000 kN	1.236,00
B2	Determination of the maximum tensile breaking load	
	- Using tensile testing machine up to 1200 kN	292,00
	- Using tensile testing machine 10MN, up to 3000 kN	635,00
	- Using tensile testing machine 10MN, from 3000 up to 6000 kN	1.249,00
	- Using tensile testing machine 10MN, over 6000 kN	1.881,00
	- Measuring of diameter using tensile testing machine 10MN	each 132,00
	- Socket dimensional survey	each 132,00
B3	Measuring modulus of elasticity	1.456,00
B4	Preparation and complete tests (tensile+torsion+bending) on wires	
	- Each circle shape wire	12,00
	- Each Z shape wire	16,00
B6	Partial test on single wire (tensile/torsion/bending)	
	- Each circle shape wire	10,00
	- Each Z shape wire	11,00



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Item	Description	Cost (euro)
B7	Determination mass of zinc coating (one strand + metallic core)	379,00
B8	Use of tensile testing machine 1200 kN, for different tests (included a technician and two workers) each hour	239,00
B9	Use of tensile testing machine 10MN, for different tests (included a technician and two workers) each hour	493,00
B10	Continuous measurement (dimensional/strain/other)	685,00
	- For each measurement point after the first	247,00

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TABLE C) STRAIN GAGE TESTS

Item	Description	Cost (euro)
	Strain gage tests	
C1	Test in laboratory LA.T.I.F.	1.184,00
C2	Test on site (included costs for the staff)	2.367,00
C3	Each measurement point	247,00
C4	Every day outside the laboratory beyond the earlier two days, included the travelling time (is possible to divide in half day)	1.092,00
C5	Only equipment and data processing (not included the staff cost)	605,00
C6	Data processing for additional tests (without new points of measure)	hour's cost tab.A

TABLE D) TEST ON GRIP AND CLAMP OF ROPEWAYS CARRIERS OR SIMILAR

Item	Description	Cost (euro)
D1	Complete tests on fixed grip: (size control – spring modulus – clamping resistance force – gripping resistance force – pull off resistance force)	3.156,00
D2	Single test at item D1	685,00
D3	Spring testing (fatigue test excluded)	501,00



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TABLE E) FATIGUE TESTS

Item	Description	Cost (euro)
E1	Fatigue test	
	Fixed fee	2.156,00
E2	each 100.000 cycles	133,00

TABLE F) MAGNETIC WIRE ROPE

Item	Description	Cost (euro)
F1	Measurement of the magnetic induction for the detector	369,00
F2	Test on specific wire rope sample according UNI-EN 12927	498,00
F2.1	For each DAQ / recorder in addition to the second one	109,00
F3	Test on wire rope, in laboratory LA.T.I.F.	265,00
F4	Test on wire rope, on site	650,00

TABLE G) NDT EXAMINATION CENTER

Item	Description	Cost (euro)
G1	LEVEL 1	
	- Course 3 full days ,in all 24 hours, included teaching aids, certificate of participation	1.315,00
	- Exam	658,00
G2	LEVEL 2	
	- Course 5 full days ,in all 40 hours, included teaching aids, certificate of participation	1.579,00
	- Exam	790,00



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NOTES ABOUT PRICE LIST

- All fees are indicated without V.A.T.;
- All fees for the tests performed in laboratory include the staff cost, exception for the additional activity to prepare the samples etc.;
- For the tests on site:
 - Hour fee is applied for working and travelling time;
 - Testing fee include: use of the instrumentation, data processing and report issuing;
 - For strain gage test, the fee C2 include personal and instrumentation for 2 days;
 - Use of car, van, meals, overnight stay, toll fees and parking will be charged at sheer cost (all documentation is available at LA.T.I.F.);

For custom test will be issued a specific quotation.