Elenco controllato per scopo flessibile ACCREDIA n. 02242 Ispezione rev. 002 19/01/2025
Controlled list to flexible scope ACCREDIA n. 02242 Inspection rev. 002 19/01/2025

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Regolamento: REG.ISP - CONDIZIONI GENERALI PER SERVIZI DI ISPEZIONE
Regulation: REG.ISP - GENERAL CONDITIONS FOR INSPECTION SERVICES

Inspection di tipo A nei seguenti settori:
Type A inspection in the following sectors:

Field	Subfield	Range	Stage
Prodotti industriali	- Prodotti saldati. - Macchine ed Accessori - Attrezzature in pressione, dispositivi ed accessori	Supervisione alla conformità dei prodotti forniti dal fabbricante con i requisiti dell'ordine del committente tramite: Prove e verifiche funzionali di prodotti	- Durante la produzione - Al termine della produzione - In servizio
- *Industrial products*	- *Welded products* - *Machines and Accessories* - *Pressure equipment, devices and accessories*	*Supervision of the conformity of the products supplied by the manufacturer with the requirements of the customer's order through: Tests and functional checks of products*	- *During production* - *At the end of production* - *In service*

Requisiti / Requirements		
PRODOTTI INDUSTRIALI **Industrial products**		
A.	Prodotti saldati Welded products	UNI EN 10204: 2005 EN ISO 9016: 2022 EN ISO 5178: 2019 EN ISO 4136: 2022 EN ISO 9018: 2015 EN ISO 5173: 2023 EN ISO 9017: 2017 EN ISO 9015-1: 2011 EN ISO 9015-2: 2016 EN ISO 17639: 2022 CEN ISO/TR 16060: 2014 EN ISO 17641-1: 2022 EN ISO 17642-1: 2015 ASME BVPC Sez. II, V, IX Ed. 2023, Ed. 2019 e Ed. 2017 ASME BVPC Sez. II, V, IX Ed. 2025 (Rev.01)

B.	Macchine ed Accessori Machines and Accessories	EN 13155:2021 UNI EN 1991-3:2006 ASME B30.20 Ed.2013 & 2018 & 2025 EN ISO 12100:2010 EN 60204-1: 2025 EN ISO 9906:2012 EN 1127-1: 2019 ISO 50495 :2010 CEI EN 60079-17: 2024
C	Attrezzature in pressione, dispositivi ed accessori Pressure equipment, devices and accessories	EN 13480-4: 2024 EN 13480-5: 2022 EN 12952-4: 2011 EN 12952-5: 2022 EN 12953-3: 2016 EN 13445-4:2023 EN 13445-5:2024 ASME I ED 2015, 2017, 2019, 2021, 2023 ASME B31.3 ED 2012, 2014, 2016, 2018, 2020, 2022 ASME B31.1 ED 2012, 2014, 2016, 2018, 2020, 2022 ASME VIII DIV 1 ED 2015, 2017, 2019, 2021, 2023 ASME VIII DIV 2 ED 2015, 2017, 2019, 2021, 2023 ASME BVPC Sez. VIII Ed. 2025 (Rev.01) AD 2000-Merkblatter Code: 2021 Series A, B, HP PD 5500 ED 2018 + A1, A2, ED. 2021 +A1, A2

Field	Subfield	Range	Stage
Prodotti Industriali	Controlli non distruttivi	Supervisione di controlli non distruttivi	- Durante la produzione - Al termine della produzione
Industrial products	*Non-destructive testing*	*Supervision of non-destructive tests*	- *During production* - *At the end of production*

Requisiti / Requirements		
PRODOTTI INDUSTRIALI **Industrial products**		
A.	Controlli non distruttivi Non-destructive testing	EN ISO 17635: 2023 EN ISO 17637: 2023 EN ISO 17636-1: 2022 EN ISO 17636-2: 2023 EN ISO 17640: 2019 EN ISO 10863: 2020 EN ISO 13588: 2019 EN ISO 22825: 2017 EN ISO 17638: 2016 EN ISO 17639: 2022 EN ISO 3452-1: 2021 EN ISO 17663: 2023 EN ISO 17662: 2026 UNI EN 10228-1:2016 UNI EN 10228-2:2016 UNI EN 10228-3:2016 UNI EN 10228-4:2016 UNI EN 10160:2001 UNI EN ISO 10893-5: 2011 UNI EN ISO 10893-4: 2011 UNI EN ISO 10893-8: 2020 UNI EN ISO 10893-9: 2020 UNI EN ISO 10893-10: 2020 ISO 3452-1: 2021 ISO 4992-1: 2020 ISO 4992-2: 2020 ISO 4993: 2024 UNI EN ISO 9934-1:2017 UNI EN ISO 15848-1: 2017 UNI EN ISO 15848-2: 2015 ASME Sez. V Ed. 2023 , Ed. 2019 e Ed. 2017 ASME BVPC Sez. V Ed. 2025 (Rev.01) AWS D1.1: 2020 AWS D1.4: 2018 AWS D1.6: 2017 API 1104: 22 nd edition

Field	Subfield	Range	Stage
- Prodotti elettrici - Prodotti elettronici	- Apparecchiatura di manovra - Fusibili - Quadri – Apparecchiature prefabbricate - Trasformatori di misura - Trasformatori di potenza in olio a secco - Componenti di stazione - Cavi/Conduttori e accessori	Ispezioni relative a: - Processi produttivi - Analisi di conformità tra oggetti in esame e disegni di riferimento; - Prove e verifiche funzionali	- Durante la produzione - Al termine della produzione - In servizio
- *Electrical products* - *Electronic products*	- *Controlgear* - *Fuses* - *Switchgear Prefabricated equipment* - *Instrument transformers* - *Oil and Dry Power transformers* - *Electrical Station Equipment* - *Cables/Conductors and accessories*	*Inspections related to:* - *Production processes;* - *Conformity analysis between objects under examination and reference drawings;* - *Tests and functional checks*	- *During production* - *At the end of production* - *In service*

Requisiti / Requirements		
APPARECCHIATURE E COMPONENTI ELETTRICI **Electrical apparatus and components**		
Apparecchi di manovra **Switchgear**		
	Interruttori c.a. > 1000 V A.C. circuit-breakers >1000 V	IEC 62271-1:2017+AMD1:2021 CSV (CEI, EN) IEC 62271-100:2021+AMD1:2024 CSV (CEI, EN) IEC 62271-101:2021/COR1:2021 (CEI, EN) ENEL DY 501 ed. 2: 1987 ENEL MAT-E&C-NC-2021-0064-GRI ver. 2: 2022 (GSCM690) ENEL MAT-E&C-NC-2021-0036-GIN ver. 3: 2022 (GSCM505) ENEL GSH001 Rev. 02: 2017
	Sezionatori e sezionatori di terra c.a. >1000 V A.C. disconnectors and earthing switches > 1000 V	IEC 62271-102:2018+AMD1:2022 CSV (CEI, EN) ENEL GRI-GRI-MAT-E&C-0038 ver. 1: 2016 (GSCM003) ENEL MAT-E&C-NC-2021-0055 ver. 1: 2022 (GSCM734) ENEL MAT-E&E-NC-2022-0116-GIN ver. 1: 2022 (GSCM735) ENEL GRI-GRI-MAT-E&C-0053 ver. 06:2025 (GSCH003) (Rev. 2) ENEL DY 501 ed. 2: 1987 ENEL DY 505 ed. 9: 2007 ENEL DY 523 ed. 4
	Interruttori di manovra sezionatori	IEC 62271-103:2021/COR1:2025 (CEI, EN) IEC 62271-104:2020 (CEI, EN) IEC 60947-3:2020+AMD1:2025 CSV (CEI, EN) TERNA INS AI S 02: 2020 ENEL DY 595 ed. 3: 2000 ENEL DY 596 ed. 4: 2001 ENEL DY 598 ed. 5: 2001

	Interruttori automatici Automatic circuit-breakers	IEC 60947-1:2020 + CR1:2022 + COR2:2024 (CEI, EN) (Rev. 2) IEC 60947-2:2024 RLV (CEI, EN) ENEL MAT-E&C-NC-2021-0056-EGIN ver. 1: 2021 (GSCL003) ENEL GSCL003A Addendum 2020
	Combinati sezionatore-fusibile ed interruttore- fusibile c.a. > 1000 V A.C. switch-fuse combinations > 1000 V	IEC 62271-105: 2021 (CEI, EN)
	Contattori c.a. > 1000 V A.C. contactors > 1000 V	IEC 62271-106: 2021 (CEI, EN)
	Dispositivi elettromeccanici per circuiti di comando Electromechanical control circuit devices	IEC 60947-5-1:2024 (CEI, EN) IEC 60947-6-1:2021 (CEI, EN) IEC 60947-6-2:2020/COR2:2023 (CEI, EN)
	Relè Relays	IEC 60255-1:2022 (CEI, EN) IEC 60255-12:1980 (CEI, EN) IEC 60255-13:1980 (CEI, EN) IEC 60255-187-1:2021 (CEI, EN) IEC 60255-21-1:1988 (CEI, EN) IEC 60255-21-2:1988 (CEI, EN) IEC 60255-21-3:1993 (CEI, EN) IEC 60255-24:2013 (CEI, EN) IEC 60255-26:2023 (CEI, EN) IEC 60255-27:2023 (CEI, EN) IEC 60255-121:2014 (CEI, EN) IEC 60255-127:2010 (CEI, EN) IEC 60255-149:2013 (CEI, EN) IEC 60255-151:2009 (CEI, EN) IEC/IEEE 60255-118-1:2018 PRV IEC 60730-1:2022 (CEI, EN) IEC 60730-2-3:2006 (CEI, EN) IEC 60730-2-5:2013+AMD1:2017+AMD2:2021 CSV (CEI, EN) IEC 60730-2-6:2025 (CEI, EN) IEC 60730-2-7:2015 (CEI, EN) IEC 60730-2-8:2025 (CEI, EN) IEC 60730-2-9:2015+AMD1:2018+AMD2:2020 CSV (CEI, EN) IEC 60730-2-10:2006 (CEI, EN) IEC 60730-2-11:2025 (CEI, EN) IEC 60730-2-12:2025 (CEI, EN) IEC 60730-2-13:2025 (CEI, EN) IEC 60730-2-14:2025 (CEI, EN) IEC 60730-2-15:2017 (CEI, EN) IEC 60730-2-22:2014 (CEI, EN) IEC 61810-1:2015+AMD1:2019 CSV (CEI, EN) IEC 61810-3:2015 (CEI, EN) IEC 61811-1:2015+AMD1:2025 CSV (CEI, EN) IEC 61812-1:2023 (CEI, EN) IEC 62314:2022 (CEI, EN) IEC 62246-1:2015 (CEI, EN) TERNA ING LV16 rev. 00: 2008

Fusibili **Fuses**		
	Fusibili limitatori c.a. > 1000 V A.C. limiting fuses > 1000 V	IEC 60282-1:2020 (CEI, EN) ENEL DY 1517 ed. 2
	Fusibili < 1000 V Fuses < 1000 V	IEC 60269-1:2024 (CEI, EN) IEC 60269-2:2013+AMD1:2016+AMD2:2024 CSV (CEI, EN) IEC 60269-3:2024/COR1:2025 (CEI, EN) IEC 60269-4:2024 (CEI, EN) IEC TR 60269-5:2014+AMD1:2020 CSV (CEI, EN) IEC 60269-6:2010/AMD1:2021/COR1:2021 (CEI, EN) IEC 60127-1:2023 (CEI, EN) IEC 60127-2:2014+AMD1:2020 CSV (CEI, EN) IEC 60127-3:2015+AMD1:2020 CSV (CEI, EN) IEC 60127-4:2005+AMD1:2008+AMD2:2012 CSV (CEI, EN) IEC 60127-5:2016 (CEI, EN) IEC 60127-6:2023 (CEI, EN) IEC 60127-7:2015 (CEI, EN) IEC 60127-8:2018+AMD1:2024 CSV (CEI, EN) BS EN 60127-10:2002 (CEI, EN)
	Limitatori ad espulsione c.a. > 1000 V A.C. expulsion and similar fuses > 1000 V	IEC 60282-2:2008 (CEI, EN) CEI 32-14: 2020 CENELEC HD 636 S1: 1996 ENEL MAT-E&C-NC-2021-0051-EGIN ver. 1: 2021 (GSCM012)
Apparecchiature prefabbricate (Quadri) Enclosed switchgear and controlgear		
	Apparecchiature di protezione e manovra assiemate in involucro metallico c.a. <= 72,5 kV A.C. metal-enclosed switchgear and controlgear <= 72,5 kV	IEC 62271-200:2021+AMD1:2024 CSV (CEI, EN) IEC TS 62271-304:2019 ENEL GRI-GRI-MAT-E&C-0003 ver. 1: 2024 (GSCM004) ENEL GRI-GRI-MAT-E&C-0002 ver.3: 2024 (GSM001) (Rev. 2) ENEL GRI-GRI-MAT-E&C-0002 ver.3: 2021 (GSM001) ENEL GRI-GRI-MAT-E&C-0004 ver. 3: 2023 (GSCM005) ENEL GRI-GRI-MAT-E&C-0009 ver. 1 2022 (GSCM009) Rev. 2) ENEL DY 803 Rev. 06: 2014 ENEL SND014.DOC ed. 5 2020 TERNA INS AP S 01 rev. 00: 2022 (Rev. 2) TERNA INS AP S 01 rev. 00: 2022 Amendment rev. 00 2025 (Rev. 2)
	Apparecchiature assiemate di protezione e manovra (Quadri) Switchgear and controlgear assemblies	IEC 61439-1:2020/COR2:2023 (CEI, EN) IEC 61439-2:2020 (CEI, EN) IEC 61439-5:2023/COR1:2025 (CEI, EN) IEC 61439-6:2012 (CEI, EN) IEC 61439-7:2022 (CEI, EN) ENEL GLOBAL STANDARD GSCL001 Rev. 00: 2016 ENEL GLOBAL STANDARD GSCL002 Rev. 1: 2020 GRIDSPERTISE DMI AC 011168 rev. 14: 2025 ENEL DMIAC000190 ed. IV: 2022 ENEL n. 897 ver. 01: 2020 E-DISTRIBUZIONE DS 4530 rev. 3: 2016 ENEL DISTRIBUZIONE DS 4533 rev. IX: 2012 ENEL DISTRIBUZIONE DS 4534 rev. VIII: 2012 ENEL DISTRIBUZIONE DS 4535 rev. VII: 2006

		ENEL DISTRIBUZIONE DS 4521 Ed. V: 2005 ENEL DISTRIBUZIONE DS 4522 Ed.06: 2021 ENEL DISTRIBUZIONE DS 4523 Ed. V: 2005 ENEL DISTRIBUZIONE DS 4525 Ed. V: 2005 ENEL DISTRIBUZIONE DS 4548 Ed. III: 2005 E-DISTRIBUZIONE DS 4549 Ed.07: 2019 ENEL DISTRIBUZIONE DS 4553 ed. VI: 2002 E-DISTRIBUZIONE DS 4555 ed. V: 2019 E-DISTRIBUZIONE DS 4556 ed. V: 2019 E- DISTRIBUZIONE DS 4558 Ed.04: 2021 ENEL DISTRIBUZIONE DS 4559 Ed.03: 2021 ENEL DISTRIBUZIONE DY 3018 ed. III: 2005 ENEL DISTRIBUTIE 3018 RO ed. 1: 2009 ENEL DISTRIBUZIONE DY 3023 ed. III: 2005 TERNA RSPT19-0014TEC-SAS Rev.01: 2020 TERNA RPST15 0081STS PAC Rev 00: 2016 TERNA RSPT15-0078STS-PAC Rev. 00:2016 TERNA RSPT16-0028STS-PAC Addendum Rev. 00: 2016 ARETI DBA27 ed. 7 2024 (Rev. 1) ARETI DBA47 ed. 3 2023 (Rev. 2) ENEL GRI-GRI-MAT-E&C-0026 ver.0. 2022 (GSCC025) (Rev. 2) RETELE GSCC025 RO ed. 1: 2025 (Rev. 2) ACEA DBM7 ed. 1:2006 (Rev. 2) ACEA DBM12 ed. 1:2008 (Rev. 2)
	Apparecchiature di protezione e manovra assiemate in involucro isolante c.a. <= 72,5 kV A.C. insulation-enclosed switchgear and controlgear <= 72,5 kV	IEC 62271-201:2014 (CEI, EN)
	Sottostazioni prefabbricate/shelter ad alta tensione/bassa tensione High-voltage/low-voltage prefabricated substation/shelter	IEC 62271-202:2022/COR1:2023 (CEI, EN) IEC 62271-212:2022 (CEI, EN) ENEL MAT-E&C-NC-2021-0037-GRI ver. 2:2022 (GSCM770) ENDESA FNH001 00 ed. 9: 2021 TERNA STG14-0011-ING-IIM-IMP Rev. 01: 2016 TERNA RSPT15-0078STS-PAC Rev. 00: 2016 TERNA Addendum RSPT16-0028STS-PAC Rev. 00: 2016
	Apparecchiature di protezione e manovra assiemate in involucro metallico isolate in gas c.a. <= 72,5 kV A.C. gas-insulated metal-enclosed switchgear and controlgear <= 72,5 kV	IEC 62271-203: 2022 (CEI, EN) IEC 62271-211: 2024 (CEI, EN) RETELE ELECTRICE GSCH006 rev. 07: 2025 ENEL MAT-O&M-NCS-2021-00XX-EGIN ver. 6: 2024 (GSCH006)
	Moduli compatti multifunzione >= 52 kV Compact switchgear assemblies >= 52 kV	IEC 62271-205:2008 (CEI, EN) ENEL GRI-GRI-MAT-E&C-0019 ver. 7: 2024 (GSCH002) RETELE GSCH002 rev. 07: 2024
Trasformatori di misura **Instrument transformers**		
	Trasformatori di corrente Current transformers	IEC 61869-1:2023 (CEI, EN) IEC 61869-2:2012/ISH1:2022 (CEI, EN) IEC 61869-10:2017 (CEI, EN) IEC 61869-9:2016 (CEI, EN) E-DISTRIBUZIONE DMIAC000232 ed. I: 2021

		ENEL DISTRIBUZIONE DY 536 ed. 6: 2003 ENEL DISTRIBUZIONE DY 751 Ed. 5: 2004 ENEL DMI 0 31003 ed. III: 2007 ENEL DMI 0 31006 ed. III: 2008 (Rev. 2) ENEL DMI 031015 ed. VI 2020 ENEL DISTRIBUZIONE TAPUB rev. 00 2014 ENEL DY531 ed. 08: 2004 ENERSIS E-SE-007 rev. 06: 2008 ENEL Distributie Muntenia FT-192_MAT Ed. 02: 2016 ENEL DY 37 rev. 06: 2012 ENEL Addendum DY 37 Rev. 00: 2014 ENEL DY 34 ed. 04: 2003 ENEL DY 35 ed. 04: 2003 ENEL DY 34-DY 35 rev. 00:2014 ENEL GRI-GRI-MAT-E&C-0024 Ver. 1: 2022 (GSCT007) RETELE ELECTRICE FT-081_MAT ed. 03: 2024 RETELE ELECTRICE DMI031014 RO ed. 02: 2024 ELETROPAULO NTE-8.150 ver. 2.1: 2018 ENDESA DISTRIBUCION GE SNE002 ed. 5: 2010 ENDESA DISTRIBUCION GE SNE003 ed. 5: 2010 ENEL GRI-GRI-MAT-E&C-0037 ver. 0: 2022 (GSCT013) RETELE ELECTRICE GSCT013 ed. 01: 2024 (Rev. 03)
	Trasformatori di tensione Voltage transformers	IEC 61869-1:2023 (CEI, EN) IEC 61869-3: 2011 (CEI, EN) IEC 61869-5:2011/COR1:2015 (CEI, EN) IEC 61869-11:2017 (CEI, EN) IEC 61869-9:2016 (CEI, EN) E-DISTRIBUZIONE DMI 031015 ed. VI: 2020 ENEL DY541 ed. 07: 2006 ENERSIS E-SE-007 rev. 06: 2008 ENEL DY 44 rev. 03: 2007 ENEL DY 46 rev. 03: 2007 ENEL Addendum DY 44-DY46 Rev. 00: 2014 ENEL DY 47 rev. 05: 2012 ENEL Addendum DY 47 Rev. 00: 2014 ENEL DISTRIBUTIE FT-191_MAT ed. 01: 2015 ENEL MAT-E&C-NC-2021-0045-EGIN v. 3: 2021 (GSCT003) E-DISTRIBUCÌON FND008 ed. 1: 2021 ENEL GRI-GRI-MAT-E&C-0025 ver. 1: 2022 (GSCT008) ELETROPAULO NTE-8.151 ver. 2.1: 2018 ENDESA GE SNE007 ed. 3: 2010 ENDESA GE SNE008 ed. 3: 2010 ENDESA GE SNE016 ed. 3: 2010 ENDESA GE SNE017 ed. 3: 2010 ENEL MAT-E&C-NC-2021-0046-EGIN VER. 0 2021 (GSCT004) (Rev. 1) TERNA INS AV S 01 rev. 06:2022 (Rev. 2) RETELE ELECTRICE GSCT015 ed. 03: 2025 (Rev. 03)
	Trasformatori combinati Combined transformers	IEC 61869-1:2023 (CEI, EN) IEC 61869-4:2013/COR1:2014 (CEI, EN) ENEL GSCT005 Rev. 02: 2019
	Trasformatori di corrente passivi a bassa potenza Low-power passive current transformers	UNE-EN 61869-6:2019 (CEI, EN) IEC 61869-10: 2017 (CEI, EN) ENEL GSCT005 Rev. 02: 2019

	Trasformatori di tensione passivi a bassa potenza Low-power passive voltage transformers	UNE-EN 61869-6:2019 (CEI, EN) IEC 61869-11:2017/ISH1:2021 (CEI, EN) ENEL GSCT005 Rev. 02: 2019
	Trasformatori di corrente per applicazioni c.c. Current transformers for d.c. applications	IEC 61869-14:2018 (CEI, EN)
Trasformatori di potenza in olio e a secco **Oil-immersed and dry type power transformers**		IEC 60076-1: 2011 (CEI, EN) IEC 60076-2: 2011 (CEI, EN) IEC 60076-3:2013+AMD1:2018 CSV (CEI, EN) IEC 60076-4: 2002 (CEI, EN) IEC 60076-5: 2006 (CEI, EN) IEC 60076-10: 2016 (CEI, EN) IEC 60076-10-1:2016/AMD1:2020 (CEI, EN) IEC 60076-11:2018/COR1:2019 (CEI, EN) IEC 60076-13:2006 (CEI, EN) IEC 60076-24:2020 (CEI, EN) (Rev. 2) IEC 60214-1:2023 (CEI, EN) (Rev. 3) ENEL/ENDESA GST002/265 Rev. 01: 2018 ENEL/ENDESA GST002/S50 Rev. 00: 2016 ENEL DISTRIBUZIONE TR092011 Rev. 00: 2012 ENEL DISTRIBUZIONE DT 1087 Rev. 00: 2009 ENEL DISTRIBUZIONE DT 1088 Rev. 00: 2009 ENEL DISTRIBUZIONE DT 1088 A1 Rev. 00: 2010 ENEL DISTRIBUZIONE DT 1088 A2 Rev. 00: 2011 ENEL DISTRIBUZIONE DT 1088 A3 Rev. 00: 2012 ENEL DT 841 Rev. 05: 2020 ENEL DT 842 Rev. 04: 2020 ENEL DT 843 Rev. 04: 2020 ENEL DT 844 Rev. 04: 2020 ENEL DT 845 Rev. 04: 2020 ENEL DT 846 Rev. 04: 2020 ENEL GST001-EU Rev. 04: 2020 ENEL GST001-EU Rev. 03: 2018+AMENDMENT 9: 2020 ENEL GRI-GRI-MAT-E&C-0034 ver. 05: 2022 (GST001) ENEL GST002 Rev. 03: 2018 ENEL GST002 AMENDMENT 2017/2018 Rev. 00: 2018 ENEL GST002 Rev. 02: 2020 ENEL GST002 Rev. 02 Italy: 2020 ENEL GST002 Rev. 02 Spain: 2019 ENEL GST002-S55 Rev. 01: 2018 ENDESA SND011 ed. 4: 2011 ENDESA SND01100.DOC ed. 4: 2011 ENEL DT 1095 Rev. 03 2016 ENEL TR-IT032017 Rev. 01: 2018 TERNA INS MT S 08 Rev. 01: 2017 TERNA INS MA S 01 Rev. 05: 2020 TERNA INS MA S 01 Rev. 06: 2023 – (Rev. 2) TERNA INS MT S 07 Rev. 01: 2017 TERNA INS MT S 01 Rev. 04: 2018 TERNA INS MT S 01 Rev. 04: 2018 - Allegato 2 Rev. 00: 2019 TERNA INS MT S 10 Rev. 04: 2019 TERNA INS MT S 11 Rev. 02: 2019

	TERNA INS MT S 19 Rev. 01: 2022 TERNA INS MT S 20 Rev. 00: 2022 TERNA MT TT 700 RSPT18-008-TAM-ISI rev. 00 2018 ENEL MAT-E&C-NC-2021-0062-GIN ver. 01: 2021 (GSCT009) (Rev. 2) RFI DTCSTE SF EN SS 192 1 A Rev. A: 2023 (Rev. 2) RFI DTC ST E S IFS SS 193 A Rev. A: 2019 (Rev. 2)

Componenti di stazione e di linea **Post and line equipment**		
	Reattori Reactors	IEC 60076-6: 2007 (CEI, EN) TERNA INS MR S 06 rev. 03: 2022 TERNA INS MR S 13 rev. 00: 2019 TERNA INS MR S 05 rev. 12: 2023 TERNA INS MR S 20 rev. 00: 2022
	Scaricatori Surge arresters	IEC 60099-4: 2014 (CEI, EN) IEC 60099-5: 2018 (CEI, EN) ENEL GLOBAL STANDARD GSCC016 Rev. 02 TERNA INS AZ S 01 Rev. 03: 2018
	Bobine di sbarramento Line traps	IEC 60353:1989/AMD1:2002 CEI 57-2:1997 TERNA P P 00061 B ST 0002 Rev. 03: 2007
	Condensatori Capacitors	IEC 60871-1: 2014 (CEI, EN) IEC 60871-4:2014 (CEI, EN) IEC 60831-1: 2014 (CEI, EN) IEC 60831-2: 2014 (CEI, EN) ENEL n. 0021 (MAT-PMCB-EEA-18-0021-EDBR) Ver. 04: 2023 ENEL n. 408 ver. 01: 2020 ENEL n. 21 (MAT-OMBR-MAT-18-0021-EDBR) Ver. 03: 2021 ENERSIS E-SE-009 rev. 04: 2012
	Macchine elettriche rotanti Rotating electrical machines	IEC 60034-22:2009 (CEI, EN) IEC 60034-1:2022 (CEI, EN) TERNA ING S UG S 001 rev. 02: 2018 TERNA R-SPT18-0011-CAUCT rev. 02: 2018 TERNA RNOT15-0075 STS PAC rev. 01: 2019
	Isolatori di linea Line insulators	IEC 60383-1: 2023 (CEI, EN) IEC 60383-2: 1993 (CEI, EN) IEC 61109: 2025 (CEI, EN) IEC 61325: 1995 (CEI, EN) IEC 61466-1: 2016 (CEI, EN) IEC 61466-2:1998+AMD1:2002+AMD2:2018 CSV (CEI, EN) IEC 61952: 2008 (CEI, EN) IEC 62231: 2006 (CEI, EN) IEC 62231-1:2015 (CEI, EN) IEC 60273:1990 (CEI, EN) IEC 62217: 2025 (CEI, EN) ENEL MAT-E&C-NC-2021-0043-EGIN ver. 3: 2021 (GSCC010) ENEL MAT-OYM-NDS-20-037-ESP-0:2020 ENEL MAT-OYM-NDS-18-228-ESP: 2021 ENEL 500.51.1: 2020 ENEL 500.54.1: 2019 ENEL 2198 R-00:2006 ENEL GSCH004 Rev. 00: 2016 TERNA LIN_000000J1 rev. 01:2015 TERNA LIN_000000J2 rev. 01:2015 TERNA LIN_000J3900 rev. 02:2015 TERNA LIN 00000J18 Rev. 02: 2020 TERNA LIN 00000J19 Rev. 02: 2019 TERNA LIN 00000J20 Rev. 00: 2018

		TERNA LIN_00000J31 Rev. 01: 2013 TERNA LIN_00000J32 Rev. 01: 2013 TERNA LIN_00000J33 Rev. 01: 2013 ENEL FT-165_MAT ed. 01:2015 TERNA LIN 00000J39 Rev. 00: 2013 TERNA LIN_0000J116 Rev. 00: 2012 ENEL DISTRIBUZIONE DJ1054: 2013 (Rev. 2) EDESUR MAT-PMCA-PDD-23-0356-EDES ver. 1: 2023 (Rev. 2)
	Isolatori passanti Bushings	IEC 60137:2017/COR1:2018 (CEI, EN) IEC 62217:2025 (CEI, EN) IEC/IEEE 65700-19-03:2025 RLV EN 50181: 2010 (CEI) EN 50243: 2022 (CEI) EN 50336: 2021 (CEI) CLC/TS 50458:2006 (CEI) TERNA INS CI S 02 Rev.00: 2022
	Isolatori portanti Post insulators	IEC 60168:1994+AMD1:1997+AMD2:2000 CSV (CEI, EN) IEC 62772:2023 (CEI, EN)
	Sistemi di accumulo e di ricarica Storage and charging systems	IEC 60896-11: 2002 (CEI, EN) IEC 60896-21: 2004 (CEI, EN) IEC 60896-22: 2004 (CEI, EN) IEC 62619: 2022 (CEI, EN) IEC 62620: 2023 (CEI, EN) IEC 63193: 2020 (CEI, EN) ENEL DY 816 Rev. 00: 2014 ENEL DY 1130 Rev. 00: 2014 ENEL GSCB001 Rev. 00: 2016 TERNA RQXP 040001 rev. 04: 2017 TERNA ING UB S BEF01 rev. 02:2019
	Morsetteria linee aeree Overhead line fittings	IEC 61284:1997/COR1:1998 (CEI, EN) TERNA LIN_000M3900 rev. 2:2020 TERNA LIN 00M10000 rev. 1: :2020
	Morsetti per conduttori in rame Terminal blocks for copper conductors	IEC 60947-7-1:2025 (CEI, EN) IEC 60947-7-2:2009 (CEI, EN) IEC 61210: 2010 (CEI, EN)
	Conduttori linee aeree Overhead line conductors	IEC 61089:1991/AMD1:1997 (CEI, EN) CEI 7-2:2021 CEI EN 50182:2014 (CEI, EN) IEC 63248:2023 (CEI, EN) IEC 62641:2022 (CEI, EN) IEC 62420:2008 (CEI, EN)
	Impianti fotovoltaici	IEC 62446-1:2016+AMD1:2018 CSV (CEI, EN) IEC 61215-1:2021 (CEI, EN) IEC 62109-2:2011 (CEI, EN)
	Rilevatori di tensione	IEC 61243-1:2021 (CEI, EN) IEC 61243-2:1995+AMD1:1999+AMD2:2002 CSV (CEI, EN) IEC 61243-3:2014/COR2:2015 (CEI, EN) IEC TR 61243-6:2017 (CEI, EN) IEC 62271-213:2021 (CEI, EN) IEC 62271-215:2021(CEI, EN)

Cavi e accessori **Cables and accessories**	IEC 60332-1-1:2004+AMD1:2015 CSV (CEI, EN) IEC 60332-1-2:2025 CMV (CEI, EN) IEC 60332-1-3:2004+AMD1:2015 CSV (CEI, EN) IEC 60332-2-1:2004 (CEI, EN) IEC 60332-2-2:2004 (CEI, EN) IEC 60332-3-10:2018/COR1:2018 (CEI, EN) IEC 60332-3-21:2018 RLV (CEI, EN) IEC 60332-3-22:2018 RLV (CEI, EN) IEC 60332-3-23:2018 RLV (CEI, EN) IEC 60332-3-24:2018 RLV (CEI, EN) IEC 60332-3-25:2018 RLV (CEI, EN) IEC 60502-1: 2021 (CEI, EN) IEC 60502-2:2014+AMD1:2024 CSV (CEI, EN) IEC 60840: 2020 (CEI, EN) IEC 62067: 2022 (CEI, EN) IEC 60332:2026 SER (CEI, EN) IEC 62895: 2017 (CEI, EN) IEC 63026: 2019 (CEI, EN) CEI 20-13: 2021 (CEI, EN) CEI HD 620 S3 (2023-10) (CEI, EN) CEI 20-66: 2017 (CEI, EN) CEI 20-68: 2005 (CEI, EN) IEC 61238-1-1:2018 (CEI, EN) IEC 61238-1-2:2018 (CEI, EN) IEC 61238-1-3:2018 (CEI, EN) IEC 60702-1:2002/AMD1:2015 (CEI, EN) IEC 60708: 2005 (CEI, EN) IEC 60794-1-1:2023 (CEI, EN) Recommendation ITU-T G.652 Characteristics of a single-mode optical fibre and cable – ed. 2016 CEI 50483-1:2011 (CEI, EN) CEI EN 50483-4:2011 (CEI, EN) IEC 60794-4:2018 RLV (CEI, EN) IEC 60966-1: 2019 (CEI, EN) CENELEC HD 21.1 S2: 1990 CENELEC HD 603 S1: 2007 CENELEC HD 604 S1: 2005 CENELEC HD 623 S1: 2008 ENEL GSCC020 Rev. 00: 2020 E-DISTRIBUZIONE MAT-HSEQ-SSI-23-0111-EDIS ver. 2: 2024 E-DISTRIBUZIONE MAT-HSEQ-SSI-23-0112-EDIS ver. 2: 2024 CENELEC HD 620 S2: 2010 CENELEC HD 626 S1: 1996 CENELEC HD 626 S1 A1: 1997 CENELEC HD 626 S1 A2: 2002 CENELEC HD 629.1 S3: 2019 CENELEC HD 629.2 S3: 2024 CENELEC HD 632 S3: 2016 ENERSIS ET-BT-003 Rev. 04: 2011 ENEL n. 2191 (MAT-PMCB-EeA-22-2191-EDBR) ver. 03: 2022

	ENEL PM Br n. 212.03.0: 2019 ENEL PM n. 212.03.0: 2019 ENEL GSC001 Rev. 05 ENEL GSC001 Rev. 05 Addendum Rev.01: 2019 ENEL GSC001 Rev. 05 Addendum Rev.02: 2021 ENEL GRI-GRI-MAT-E&C-0007 ver. 6: 2022 (GSC002) ENEL MAT-E&C-NC-2021-0038-EGIN ver. 4: 2021 (GSCC003) ENEL MAT-E&C-NC-2022-0130-GRI ver. 1: 2022 (GSC005) ENEL GSCC008 Rev. 02: 2018 ENEL GSCC008 Rev. 02 Addendum Ed.01: 2020 ENEL GRI-GRI-MAT-E&C-0021 ver. 2: 2022 (GSCC009) ENEL GSCC014 Rev. 00: 2020 ENEL GSCC021 Rev.01: 2020 ENEL GSCC023 Rev. 00: 2020 ENEL MAT-E&C-NC-2021-0049-EGIN Ver. 1: 2021 (GSCH010) ENEL MAT-E&C-NC-2022-0082-GIN ver. 4: 2021 (GSCC004) ENEL MAT-E&C-NC-2022-0082-GIN ver. 4 Add. 0: 2024 (GSCC004) ENEL MAT-E&C-NC-2022-0082-GIN ver. 4 Add. 1: 2024 (GSCC004) (Rev. 2) ENEL MAT-E&C-NC-2022-0082-GIN ver. 4 Add. 2: 2026 (GSCC004) (Rev. 2) ENEL GRI-GRI-MAT-NE&D-0033 ver. 5 2025 (GSCC004) (Rev. 2) ENEL MAT-E&C-NC-2022-0089-GIN ver. 4: 2022 (GSCC005) ENEL MAT-E&C-NC-2022-0090-GIN ver. 4: 2021 (GSCC006) ENEL MAT-E&C-NC-2022-0090-GIN ver. 4. Addendum no. 0: 2025 ENEL GRI-GRI-MAT-NE&D-0039 ver. 1: 2025 (GSCC035) (Rev. 2) ENEL GSCC017 Rev. 2: 2019 RETELE ELECTRICE GSCC011 ed. 2: 2024 ENEL DJ 1152 rev. V: 2014 ENEL DJ 1136 rev. VII: 2014 ENEL DJ 4378 RO ed. 2: 2020 ENEL DJ 4378 rev. VIII: 2015 ENEL DJ 4132 rev. II: 2014 TERNA LIN_000C3922 rev. 00: 2019 Open fiber ST 1838 V5.0: 2021 Open fiber ST 1730 ver. 4.1: 2023 INFRATEL ITALIA INF-ING-ST0043-20 v. 4.0: 2021 RETELE ELECTRICE FT-044_MAT Ed. 04: 2024 RETELE ELECTRICE GSCH011 ed. 03: 2025