

LORENZO COLA

8-8-2022

Signature: *Lorenzo Cola*

EDUCATION, TRAINING AND PROFESSIONAL DEVELOPMENT

Diploma of Leadership and management at Monarch Institute - 2020
Certificate IV in Electrical - Instrumentation, College of Electrical Training - 2019
Certificate III in Electrical and Certificate II in communication Technology, College of Electrical Training - 2018
Telecommunication Specialization Diploma. Communication Institute of Technology - 2004
Photovoltaic Systems Designer. International Solar Energy Society - 2002
Physics Degree Specialized in Electronics and Cybernetics at Sapienza University of Rome were Nobel Prize 2021 winner Giorgio Parisi teach complex systems and QCD. - 2001

EMPLOYMENT HISTORY

Supervisor, Isolation Officer, Electrician, Leading Hand. Automation, Laboratory and I&E Technician. WA, VIC.

- PLP Group at GudaiDarri Rio Tinto Solarfarm. Panel wiring and combiner boxes termination. April/July 2022
- Primero at Koolan Island MGX site electrical installation of De watering plant. Sept to March 2022
- DTE Pacific installation and commissioning of Fuel farm at Roy Hill Delta area in August 2021
- NPI Maintenance at Roy Hill Mine & PH. Electrical Inspections, breakdown using SAP at LV/HV and Rail workshop. MRL/CSI at Roy Hill mine. Electrical Inspections and Maintenance at DSO - JAW crusher areas, control room, feeder and conveyer. Weekly weight meters calibration and generators settings and checks. 10/1/21 to 26/6/21
- Civmec, Mesa A at Rio Tinto mine. Cable installation, termination and testing. 20-3-21 to 20-4-21
- Downer/Nilsen at FMG Christmas Creek 60Mw Chichester solar farm project. cable installation, termination of cables, testing and commissioning. Installation of DC 300mm, Substation PCS, Earth system and panels looming 8-10-20 To 21-12-20
- Powins/Crewselect for Rio Tinto Nammuldi project wiring Main Switchboards and Control Panels 2-10-20 to 22-10-20
- FLSmidth/Intertek at Roy Hill Port Hedland. ABB robot settings and run of Herzog/Siemens laboratory facilities. 4-5-20 to 14-9-20
- STR/Canadian Solar at 285Mwh Kiamal (VIC) solar farm project, working on final looming and testing. 28-2-20 to 23-3-20
- Insight Electrical at Broad site in Fremantle Commercial and finance GOV offices data fit out and testing. 6-1-20 to 20-2-20
- Monford/Risen Energy at 132Mwh Merredin (WA) Solar Farm working on panel connections, combiner boxes, looming, testing and isolation procedures. 9-10-19 to 16-12-19
- Qube Industries at West Coast Eagles training facility and Headquarter. Fiber optic fit out and testing SNB Electrical in Perth airport. Commercial and Industrial fit out, installations and testing. 20-8-19 to 25-9-19
- CivMec at Gold Fields site in Gruyere. I've been working on ABB ACS6000 15MW VCD output drive during the cold and hot commissioning of SAG and Ball Mills motors, MCC testing, control wiring for HV main breakers, Yokogawa diagnostic settings for fixed plants, control interfaces setups with Profibus and PLC. 20-2-19 to 30-7-19
- RCR Tomlinson at Iluka titanium mine site in Cataby. Instrumentation, power and lighting fit out, wiring weight meter for conveyer, distribution board, MCC room labelling and testing. 2-10-18 to 20-1-19
- Northern Star Resources gold mine site at Jundee. Fixed plant maintenance, shutdown. 14-9-18 to 30-10-18
- Monadelphous at Karratha. Mobile Equipment maintenance at Rio Tinto 6 mile workshop. 2-7-18 to 8-9-18
- Avid Group at Forrestfield. MCC manufacturing, control wiring, PLC designed for mining projects (Eaton and Logstrup switchboards) 5-5-18 to 25-6-18
- Belenus at Midvale. TodayeSolar, Solargain commercial projects. At Westfield Carousel 1Mwh, Altronics warehouse 25kwh, Amberley Aged Care 150Kwh. inverters (Fronius, SMA) battery packs testing. 3-2-18 to 20-4-18

Electrical Apprentice, EGT at Balcatta. WA - 2013 to 2018

- UWA (RNM Solutions at Forrest Hall project), switchboards and fit-off.
- Optus Stadium (Streamlines at Multiplex site). Optus Wi-Fi system: antennas, splitters, data room.
- Charles Gairdner Hospital (NCS/TES at Badge site). RMN department data installation and testing.
- Switchboard manufacturing(Avid Group, Nielsen, PGS Industries). Wiring, copper bars, MCB, RCDS, contactors, start/run relays, MCC and testing with dedicated Allen Bradley PLC control software.
- Rottnest solar farm (EMC solar). Wiring 600kwh panels, combiner boxes, switchboard and inverters.
- Harry Perkins Institute of Medical Research at FSH (Everythsmith). LV and data installation.
- Supreme Court (Williams at Broad site). Power, lighting, data on fibre optic and cat6 wiring.
- Alcoa Pinjarra Alumina refinery (Progammed). HV switches room wiring installation.
- Perth International Airport (Greenco at Broad site).LV installations for main and sub main circuits.
- Edith Cowan University (Cablewise). Cat6 data wiring, terminating connectors on patch panel-racks.

Operator, Metso Minerals at Canning vale. WA - 2012 to 2013

- All round operator active in several manufactory sections.
- Building product parts of mill system fabrication.
- Steel frames reinforcing for trommel screens and trellflex panels.

Machine Operator, Sandvik Mining & Construction at Bayswater. WA - 2010 to 2011

- Assembling and balancing rollers.
- Mechanical and electronic machines set-up and calibration tests.

Electrical Trade Assistant, Tizzano Construction at Joondalup. WA - 2009

- Assisting trades on construction site.

Electronic and data drafter, Tim at Milan. Italy - 2004 to 2008

- Installations designing for Wi-Fi and mobile networks with CAD 2008. Check routine, testing and inspections.

PV Systems Designer and installer, Solar Power at Rome. Italy - 2002 to 2004

- Projects supervision and cabling duties.

Research Activity Collaborator, National Institute of Nuclear Physics at Rome. Italy - 2001

- Software developing, hardware installer designated for monitoring data flow of sub-nuclear particle tracks.

Software Developer, Fermi Laboratory at Batavia. Illinois USA - 2000

- Installing the trigger system in the control room of hadron collider detector at CDFII experiment.

ELECTRICAL - IT ACQUIERD PROFESSIONAL EXPERIENCES AND COMPETENCIES

- Installing and terminating wiring systems associated with low voltage.
- Undertaking commissioning procedures, routine maintenance and repair of electrical equipment.
- Testing equipment and basic circuits to ensure safety and integrity. Diagnosing and rectifying faults in electrical equipment/circuits for domestic, commercial and industrial installations.
- Installing and terminating wiring systems for network communications.
- Laboratory training experiences specifically regarding measurements on optical fiber of G65X standards and on optical line terminal PDH and SDH, using OTDR.
- Digital signal analysis: noise filtering and amplification, using oscilloscope for signal monitoring.
- Developing applications for audio digital signals synthesized by the DSP Motorola 56000 by using the assembly language of the processor.
- Installing, configuring, monitoring, testing hardware and software in OS: Unix, Linux, Window.
- Programming using c, c++ and html to develop websites running programs for crate upon bus VME developed for high energies physics experiments.
- Computing knowledge with drafting experience on CAD2008 for data and electronic installations.

PERSONEL ATTRIBUTES

- Commitment to working safety, problem-solving skills.
- Self-motivated, can use initiative and work independently unsupervised.
- Flexible on working hours and shift undertaken.

- Methodical, pay attention to details and quality work.

PREVIOUS POSITIONS HELD

Volunteer, Perth Sun Fair at UWA - 2004
 Coordinator, Physics Erasmus Office at University of Rome – 1999
 Visitor Guide, Physics Museum at University of Rome – 1996

LICENCES AND CERTIFICATES

Appointed Persons at Aveling (Section 44) Ref # 430377
 Victoria Automatic Mutual Recognition Licence No: A63716
 Certificate IV in Electrical-Instrumentation n: 0570 as at 10/10/19
 Electrical Licence and Open Data and Voice Communications No: EW182422
 expiry date 12/1/2023
 LVR/CPR UETDRRF06B - #:382533-1814088, HLTAID001 and UETDRRF06
 as at 12/4/202
 Elevating Work Platform Boom type Licence No: S 1028/2493
 expiry date 19/03/2022
 Checking and Testing an Electrical Installation Certificate No: 3093
 Programmable Logic Controllers 1&2 Certificates No: 0116/0096
 Certificate III in Work Health and Safety Certificate No: 191854
 Licence to perform High Risk Work, Classes LF No: WL3276084
 Work Safety at Heights Certificate.
 date of issue 11/1/2021
 Enter and Work in Confined Spaces
 as at 11/01/2021
 Fire attack certificate, as at 26/3/2021 No: 8677/14362
 OHS White Card Construction Induction No: 638453
 National Police Certificate
 as at 16/10/2019
 First aid No: V6018702
 as at 3/01/2020

REFEREES

Grigoris Doptidis

Company: STR Power
 Position: Superintendent
 Date: April 2020
 Contact number: +61405214950

Wayne Jessop

Electrical Site Supervisor
waynej@iet.com.au
 Date:2020
 Mobile: 0425 173 333

Adrian Hughes

Position: Permit Coordinator
 Date:2019
 Company: CivMEc
 E-mail:adrian.hughes@civmec.com.au
 Mobile phone: +61 (0) 473 552 015

Steve Cachia

Position:Workshop Supervisor
 Date: 2018
 Company: Rio Tinto

Mobile Phone: +61 (0)0436624331

Supervisor

Date:2021

Company: Primero

MP: 0413649345

Ron Clavis

Position: Superintendent

Date: 2020

Company: NILSEN

Mobile Phone: 0490687924

Kris Grgich

Position: Supervisor

Date: 2021

Company: Roy Hill

Mobile Phone: 0455114728

Kris.grgich@royhill.com.au

Tim at Genus

Supervisor

Mobile phone: 0439181122

Benjamin Freebolt

Position:Superintendent

Date: 2018

Company: Monadelphous

E_mail:

BFreebolt@monadel.com.au

Mobile phone:+61 (0) 0476 844
 39

Matthew Adams

Position: Supervisor

Date:2021

Company: Pacific Industrial

Company

MP: 0408546774

Matthew.adams@pacind.com.au

Jared Valentine



CATBY PROJECT SITE ACCESS

Lorenzo Cola

COMPANY: RCR

CATBY INDUCTION DATE: 24/10/2018

THIS CARD MUST BE CARRIED ALWAYS ON SITE

SITE INDUCTED



T1 Domestic Pier & International Departures Expansion

Lorenzo COLA

GreenCo

Induction No. 1449

Date of Induction:

12/03/14




Lorenzo COLA
RH160026

ROY HILL

MULTIPLIX

Name: Lorenzo Cola
Company: Streamline Electrical and




* C 1 8 0 1 1 7 *




CONTRACTOR
Lorenzo Cola

EMPLOYER: Programmed Electrical Technologies Ltd
CLOCK NO: 277058
EXPIRY: 5/10/2018 8:20 AM 202

Fermilab

LORENZO COLA
institution INFN - ROME
CDF UG
09610V expires 10/18/2000





LORENZO COLA
Role: Electrician
Company: STR Power Australia

KIAMAL SOLAR FARM




MONFORD

MONFORDGROUP ID Card: #1429
Name: Lorenzo Cola
Company: BI Australia
Site: Merredin Solar Farm
Induction Date: 05/11/2019
Expiry Date: 05/11/2020



Contractor Induction Card



Perth Airport

Lorenzo COLA
SNB ELECTRICAL
Expiry: 16/10/2021

Identify, Control & Report Hazards



SANDVIK

ENVIRONMENT HEALTH & SAFETY I AM RESPONSIBLE



LORENZO COLA

CARD ID NO - 0215

This is a statement that
LORENZO COLA
has attained

CPPFES2005A Demonstrate First Attack Firefighting Equipment
PUAFER008 Confine small emergencies in a facility

William Dunning
Managing Director *WDunning*

Course Date: 26/03/2021
Certificate No: 8677 / 14362
National Provider Code: 52431

Your Safety Is Our Business

www.stp.net.au 08 94178888 admin@stp.net.au

Lorenzo Cola



600029

DRIVER'S LICENCE
WESTERN AUSTRALIA

COLA,
LORENZO
2B FLEET ST
LEEDERVILLE WA 6007

LICENCE NUMBER 4785593
DATE OF BIRTH 10 Aug 1974
EXPIRY DATE 14 Aug 2009
CLASS C R

Lorenzo Cola



Rio Tinto Electrical Qualification card
CMS Reps to verify qualifications in SAP

Name: LORENZO COLA SAP: 9369552

Qualification	Expiry date
Electrical Workers Licence	
Electrical Workers Competency	22 MAR 2023
Arc Flash	22 MAR 2023
CPR / BASIC Life	
Low Voltage Rescue	22 MAR 2022
SubStation/Switchyard Entry	

Fermi National Accelerator Laboratory
Universities Research Association, Inc.
Box 500, Batavia, IL 60510 630-840-3000

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Card must be surrendered upon termination.
Counterfeit, alteration, or misuse is a violation of United States Code.
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Rio Tinto PRH Rio Tinto Essentials For Site SAP# 30140188
PRH Rio Tinto Essentials For Site SAP# 30705921

PRH Rio Tinto Essentials (WBT)
Date of issue: 200321 Date of expiry: 190323 Initial: AV

PRH Rio Tinto Essentials For Site
Date of issue: 040621 (Valid for 50yrs) Initial: AV

Note - The PRH Rio Tinto Essentials For Site qualification is valid for 50 years however the PRH Rio Tinto Essentials qualification needs to be refreshed every two years (via web based training) to continue to have site access.

Name: Lorenzo Cola SAP No. _____
Company name: Ready Resources Signature: Lorenzo Cola

Note: This card is only for Category 2 and 3 Contractors and can also be issued for refresher training. A check should be made of the relevant certificate and reference made to SAP to ensure the contractors have had the initial classroom training for PRH Rio Tinto Essentials For Site.

Delta Print 08 5248 2999

DTSONline
Direct Training Services Online Pty Ltd
www.dtso.com.au
info@dtso.com.au
Ph 08 9200 3983
RTO # 41101

Lorenzo Cola
USI: 7979JT572T DOB: 10/08/1974

Competency Attained: Date Attained:
RIIWH5202D Enter and Work in Confined Spaces 11/01/2021
RIIWH5204D Work Safely at Heights 11/01/2021

This card serves as proof that the student listed here has been issued a Statement of Attainment for the unit's listed above.
Please note that this card is not a substitute for a Statement of Attainment.

THE GOVERNMENT OF WESTERN AUSTRALIA
OCCUPATIONAL HEALTH AND SAFETY
CONSTRUCTION INDUCTION
WorkSafe WA

Issued to: LORENZO COLA Issue Date: 4/07/21

Card No 638453

WESTERN AUSTRALIA

LICENCE TO PERFORM HIGH RISK WORK WORKSAFE



LORENZO COLA
Licence No: WL 3276084 DOB: 10/08/1974
Issued: 19/03/2017 Expires: 19/03/2022
Classes: LF WP



0220

EnergySafety WA
ELECTRICIAN'S LICENCE
CERTIFICATE OF REGISTRATION

LORENZO COLA

Licence No: EW182422 Expiry Date: 12/01/2023

Issued by the Electrical Licensing Board Western Australia