

SAHYADRI ELECTRO CONTROLS (I) PVT. LTD.



FACIA ANNUNCIATOR PERFORMANCE REPORTS (SAN 200 SERIES)

MOM held between M/s Power Grid Corporation of India Limited, Bhadrawati, Dist, Chandrapur, M/s SECO Bangalore & M/s Gauri Enterprices Jalna on 09/01/2009

The installation and functioning of SECO make type SAN 200 series Micro processor based annunciator type: SAN 200, Article No: M516UT25, Serial Nos: 08100544, 43

 $2~\rm nos$ of the above mentioned annunciator have been installed in $400\rm kV$ BHILAI LINE at $400~\rm kV$ GCR Koradi, and their performance was satisfactory.

Certain salient futures has been mentioned has below;

- 1) Inbuild DC fail annunciation
- 2) Internal Audible alarm
- 3) Internal Repeat relay, event logger contacts available for other applications
- 4) Multipal operational mode
- 5) Build in MUTE, TEST, ACCEPT & RESET push buttons

For,

Power Grid Corporation of India Ltd.

BHADRAWATI

For,

M/s ŠECÓ BANGALORE

For,

M/s Gauri Enterprises
JALNA







MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD TRANS(O&M) NASHIK-ZONE NASHIK. $\,$,

i3O 9001:2000

Ref: CE/TR(O&M)ZONE/NSK/T-22/

599



DATE:

To,

M/s. Sahyadri Electro Control Banglore 隆.7 MAR 2007

Subject:- Performance of Annunciator Facia of SECO (SAHYADRI ELECTRO CONTROLS) Banglore.

Reference:- 1]Y.O.L.No. Nil Dtd. 27.11.2006

2]L.No.DyEE/Ekl/S-Dn/GAD/Tech/536-dt.12:12:2006 from Dy. E. E. Eklahare

2 Nos. of Annunciator facia supplied by you in JUN-2006 are installed at 220 KV Eklahre S/Stn. Both annunciators are working generally in order.

Chief Engineer (Trans. 9&M) Nashik Zone

Copy to

1)The S.E.(Tras.O&M) Circle Nashik.

2]The Dy. E.E.(220 Kv Eklahre) S./Stn. Nashik.

Cay Arcade Jan Road II gʻis Nisozi Nesnik Roll (1911) Popre No. (P194-55-32-3-24180) (physiother) (194-55-32-3-195) (physiotheraescon Quadh, Gransmissio - Forezer Lovenne

Performance -

-



MAHATRANSCO.

M.S.E. TRANSMISSION CO.LTD. TRANSMISSION(O&M) DIVISION, AMRAVATI.



Executive Engineer

Trans.(O&M) Division, Old Power House, Dafrin Hospital Road, AMRAVATI-444601.

Phone:-(O)0721-2661582

Ref.No. EE / TRANS. (O&M). / DN. / AMT / No 3 5 2 9

Date:- / /200

10

The Superintending Engineers
EHV. (72M). Girolo, MSEIGL.
Agravati.

Sub: - Regarding Performance of "SECO" Make Annunciator.

Ref: - 1/Astt.Engineer, 132KV s/Sin,Digras's letter No.

In this connection; it is to inform you that "SECF Make annumerator which is installed at 132KV S/Stn. Digras S/Stn to 132KV Pusad I/C Pannel which is installed on dt. 11.07.67.

The said annunciator having Sr.No. 0701176, which is working satisfactorily & till this date no problem observed in scheme & performance report is found satisfactorily.

Substitled for information please.

Executive Engineer, Trans-(OEM), Division, Assevati

Copy to: -

#18. (a guy (when fry des)

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED,

M∨HV.

Administrative Building. Ground Floor, Vijaynagar, Kerad – 415-114, Dist: Satara. Ertlait: eckaradinoken mataranseo in Website: www.mahatransco.in Tel (O):02164-255182, (P):02164-255182, (Res):02164-255159, (Fax)(O):02164-255174



No.EE/400KV RSOMMD/KRD/ No 3 5 9 J Date: 1 2 JUN 2007

TO WHOM IT MAY CONCERN (Performance Certificate for Annunciation Facia)

This is to Certify that M/s. Sahyadri Electro Controls ('SECO' Brand), Bangalore has supplied Microprocessor based One window annunciation facia on performance trial basis, which is installed on 23.03.2007 for 400 KV Kolhapur – Ill, at 400 KV Karad Sub-Station with inbuilt hooter for trip and non-trip alarm, additional provision of SCADA connectivity and easy for installation as it requires less wiring work. Till date performance of the facia is quite satisfactory.

This certificate is issued at the own request to produce before various companies.

Executive Engineer 400 KV R.S. (O&M) DN. Karad.

To

M/s. Sahyadri Electro Controls, Bangalore.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED No: EEE/220KV R/S/M'Giri - 137-8



Office of the
Executive Engineer (Ele)
220KV R/S, KPTCL
Madhugiri.
Date: 06.08.09

To Whom It May Concern:

PERFORMANCE CERTIFICATE FOR ANNUNCIATORS

This is to certify that M/s SAHYADRI ELECTRO CONTROLS (SECO) Bangalore has supplied Microprocessor based Annunciators, Electronic Buzzers/Hooters, LED Indicating Lamps & Push Buttons for the following substations in Madhugiri divisions of Tumkur Dist. Karnataka.

Name of the Substation are as follows:-

- 1) 66/11KV MUSS Madhugiri Commissioned on 10.05.06
- 2) 66/11KV MUSS ID Halli Commissioned on 22.10.08
- 3) 66/11KV MUSS Badavana halli Commissioned on 29.10.08
- 4) 66/11KV MUSS Pavagada Commissioned on 12.11.08

All the above said equipments are working satisfactorily till date

Executive Engineer (Ele) 220KV R/S, KPTCL Madhugiri.



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. Testing & Communication Circle, G-8, Laxminagar, Near Baljagat, Nagpur -40 022

ISO - 9001 - 2000 Certified

窗 P = 2228393 O = 2221873 R = 2602217 Fax = 0712 = 2234220 E-mail: setecnagpur@mahatransco.in

Ref.No. SE/T&C/NGP/Tech/ D15/ 431

0

0

1

Date:

11 0 AUG 200

TO WHOM SO EVER IT MAY CONCERN (Performance Certificate for SECO facia Annunciator)

This is to certify that M/S Sahyadri Electro Controls, Bangalore had installed one 'SECO' Brand facia Annunciator on performance trial basis on 25 MVA, 132/33 KV T/F at our 132 KV Sub-Station, Mouda on date 06,06,2007. The annunciator has inbuilt hooter for trip and Non-trip alarm. It is easy to install and involves less wiring work. The annunciator has an additional provision for SCADA connectivity. Till date, the performance of the annunciator is found quite SATISFACTORY.

This Certificate is issued at the own request of M/S Sahyadri Electro Controls, Bangalore vide their letter No. SECO/MSETCL/LTR-0511dt/09.08.2007.

SUPERINTENDING ENGINEER (T&C)
MSETCL, NAGPUR

To, M/S Sahyadri Electro Controls, Bangalore

MAHARASHTRA STATE ELECTRICITY TRANS. Co., Ltd.

EHV TESTING DIVISION, KALWA



Office of the EXECUTIVE ENGINEER
TESTING DIVISION, KALWA.
AT & POST:- AIROLI, THANE BELAPUR ROAD,
AIROLLNAVI MUMBAI 400 708.
PHORE:- (0) 27601920

(F) 27601934 (P) 27601424

Ref No. EE/TCD/KLW/Tech./ 282_

Date: 7.6.67

To Whom It May Concern:

(Performance certificate for Annunciation Facia)

This is to certify that M's Sainyadri Electro Controls ("SECO" brand), Bangalore has supplied Microprocessor based twelve window annunciation facia on performance ital basis, which is installed on 22/02/2007 for 25 MVA Transformer – III at 100 kV Taloja Sub-station. This facia has compact in size with inbuilt hooter for trip and non-trip alarm, additional provision of SCADA connectivity and easy for installation as it requires less wiring work. Till date performance of the facia is quite satisfactory.

This certificate is issued at the own request to produce before various companies.

EXECUTIVE Engineer, ENV Testing Dn. MSETCL KALWA

M/s Sahyudri Electro Controls, Bangalore.

3 KARNATAKA POWER TRANSMISSION CORPORATION LIMITED Ltr. No: EEE/TL&SS/AEET/F-21. Office of the Encl: Executive Engineer Elecl., TL & SS DIVISION, KPTCL S.R.S. Peenya Bangalore - 560 058. Dated : 2 2 AUG 2006 1 TO WHOM SO EVER IT MAY CONCERN 1 M/s Sahayadri Electricals, Bangalore has supplied, erected and commissioned the remote control and annunciation panel for 11KV Breakers at 66/11KV Nandhini Layout, Bangalore on 20.12.2004 and high speed trip relays for 11kV Breakers at 220kV SRS

The above said equipments are in working satisfactory condition.

Executive Engineer Elect., TL & SS Division, KPTCL, SRS Peenya.

Copy to M/s Sahayadri Electricals, Bangalore.
Copy to AEE(O) SRS Peenya/AE Nandhini Layout MUSS.
Copy to MF/RR.

Peenya Bangalore.

3

0

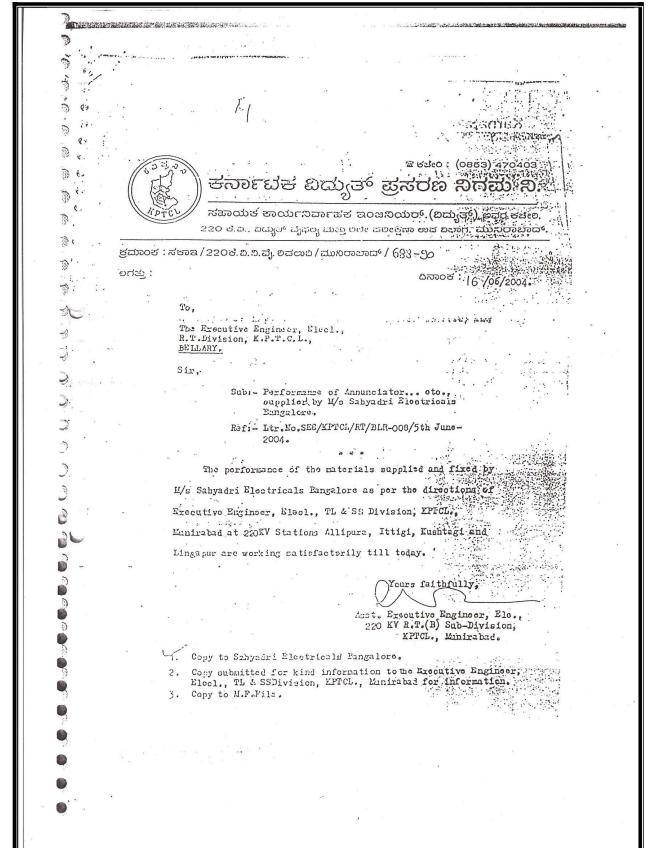
KARNATAKA POWER TRANSMISSION CORPORATION LIMITED No:EEE/AEE(O)/TL&SS/F 7067 Office of theExecutive Engineer Ele., TL&SS Dvn KPTCL., Municabad. Date:- 31/03/2005 TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/S Sahvadri Electricals. Bangalore have been carrying out different types of jobs as mentioned hereunder in TL & SS Division, KPTCL. Munirabad, since over two years. The firm is competent and is well versed with the jobs they undertake. The performance of the company is quite satisfactory and deserves every encouragement.

Jobs carried out by the firm

- Replacement of annunciators Electro Mechanical type and Micro processor based all types of control and relay panels and 11KV breakers.
- 2) Replacement of LED indicating lamps.

Executive Engineer Ele..
TI, & SS Division. KPTCL.,
Municabad



CARNATAKA POWER TRANSMISSION CORPORATION LIMITED

" WHITE IST 1 2.489

Olike of Assistant Executive Engineer (FIE) K.P.T.C.L., HRMSD- I. M.G.Road, Bangalore -01.

Dareit: 819166 ..

TO WHOMSOEVER IT MAY CONCERN.

This is to certify that Miss POWERTECH SERVICES have supplied, installed and emmanssioned the remote control and annunciation panel in the following sub-station of Hoesty Ring Main Sub-Division - L.

- 1) At 66/11kV 'C' Station one number of Annunciation and Remote Control Panel for 8 feeders has been installed make M/s SAHY ADRI ELECTRO CONTROL.
- At 66/UKV 'NGEF' Station one number of Amunciation and Remote Control Panel for three UKV feeders has been installed - make M/s SAHVADRI ELECTRO CONTROL.
- At 66 THV "PIAL" Station one number of Annunciation and Remote Control Panel for individual TRV feeder has been installed - make M's SAHYADRI ELECTRO CONTROL.
- 4) 4) 66/11kV K&C Valley' Station one number of Annunciation and Remote Control Penel for individual 11kV feeder has been installed make M/s SAFV NYB) ELECTRO CONTROL.
- 5) At 66-1 (kW instin Town) Station one number of Summerication and Remote Control Panel for individual 11kW feeder has been installed - make M/s SAWABRI SUECTRO CONTROL.

find also on Pariols are working satisfactorily till date.

Assistant Executive Engineer (F.

NLG Road, Bangalore (II)

	ಲ್ಲಿ ಬೆಂಗಳೂರು - ೨೨ .I. LTD.,		4	, .	R.N	и.			
	NLORE - 22 ໜາງ ສ ປອເ STORES RECEIPT	3 / ಪರಿವೀಕ್ಷ T / INSPEC	ಣಾ ವರದಿ :TION R	EPOR	No .	385	15	SE?	
ಸರಕು ಕಳೆ	ಸರಕು ಕಳಿಸುವವ Consignor: SAHYADRI ELECTRICALS			ಖರೀದಿ ಆದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ EXTRAC (
ವಿ / ಚ / ಸರಕು ಪಟ್ಟಿ ನಗದು ಬಿಲ್ಲು ಸಂಖ್ಯೆ			12/08/05						
್ಟ್ D/C/Invo	Material R ಪ೦ವೀಕ್ಷಣೆ	ಸಾಮಗ್ರಿ ಸ್ವೀಕೃತ ದಿನಾಂಕ Material Received on : ಪರಿವೀಕ್ಷಣೆಗೆ ನೀಡಿದ ದಿನಾಂಕ <u>1</u> 6, 08, 05							
Way Bill		ಪ್ರರಿವೀಕ್ಷಿಸಿದ Inspected	ವ ದಿನಾಂಕ ion:		9,05.6	7,11,0	5	* .	
g.zo. SI.No	ಸಾಮಗ್ರಿ ವಿವರಣೆ Description of the Material ಸಂಕೇತ / ನಕ್ಷಸಂಖ್ಯೆ Code / Drg. No.	ಸರಬರಾಜು ವಿ.ಚ.ಪ್ರಕಾರ Supplies as per D.C.	ವಾಸ್ಕವಿಕ ರಶೀತಿ Actual Receipt	ಕಡಿಮ Short	ಅಧಿಕ Excess	ಅಂಗೀಕೃತ Accepted	ತಿರಸ್ಕೃತ Rejected		
>	: : :					•			
	1 ANNUNCIATOR ELECTRO MECHANICAL TYPE 35 WINDOW SAHYDRI MAKE 110/220V DC/AC SL:NO.0508001	I NO .	0	0		1 No.			
	FOR TESTING & RETURN								
р	TE 1 1. The offered facia ensuncia	etor is t	ested	for	its pe	rforman	C & & .	9	
ಪರಿವೀಕ್ಷಣಾ	tound OX. อ นิเชกเม / INSPECTION COMMENTS		•			•			
	2. The over all dimensions ar 1. Sequence operational test 4. Endurence test of more that sequence operations and no 5. Can be accepted and used a alternate after getting ap	ara foun n 50.000 o abnorma gainst :	id to b) opera dities pecifi	e OK, itéon g four le ord	s condu nd. ders &	elso es	s eu	ď	
	before coming to final con (Fouly, accept & reset are (Dated on the acove to	id facianclusion.	ອວການກ	clato		Sto	sed		
ಉಗ್ರಾಣ/ S ದಿನಾಂಕ/ C	All of contract	o (Sharosa)))		పి న	. 6. 3800 3000 9000	inspector		
D	A. 1						1. ·		



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. Name of Office : 400 KV R.S O&M Dn. Karad.

Office Address : Administrative Building, Ground Floor,

Vijaynagar,

Post - Supane, Tal - Karad Dist - Satara, Pin No.

Contact No. Email ID Website

CIN No.

: 02164-255182 Fax. No. 02164-255182

: ee3130@mahatransco.in : www.mahatransco.in. : U40109MH2005SGC153646

No.EE/400KV RS 0&M/DN/KRD/T/0 0 4 1 8 - Date: 1 3 JUN 2016

PERFORMANCE CERTIFICATE

To Whom So Ever It May Concern

This is to certify that M/s. Gauri Enterprises, having their office at 01-34-259 Nearaj Building Pilla Bangla, Jalna has supplied & commissioned "SECO" make (Sahyari Electro control Pvt.Ltd. Bangalore) Microprocessor based Annunanciator online at 400 KV R.S. (O&M) Dn., Karad against supply order No.EE/400KV RS (O&M)/DN/KRD/T/360 Dtd.12.06.2007 amounting to Rs. 08,21,700/- (Rs. Eight Lakhs Twenty-One Thousand Seven Hundred Only).

The performance of the "SECO" make Microprocessor based 16,20, & 24 window Annunanciator is satisfactory.

This certificate is being issued to M/s. Gauri Enterprises, Jalna as per his own request letter.

Copy to :- M/s. Gauri Enterprises, Jalna.

Executive Engineer 400 KV R.S.(O&M)Dn.Karad.



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD

Name of Office: Office of the Chief Engineer, EHV.Const. cum O&M Zone, M.S.E.T.C.L. , Nashik Office address: 3rd Floor, City Arcade, Ingale Nagar, Jail Road, Nashik Road: - 422 101 : 0253-2418071,72 (O), FAX: 0253-2418075 Contact No : cenashik@mahatransco.in Email 1d : www.mahatransco.in DATE Website 3 9 8 5 FEB 2014

No: CE/EHV CC (O&M) ZONE/NSK/Tech/

CERTIFICATE

(To Whomsoever it may Concern)

It is hereby certified that M/s Gauri Enterprises, Jalna, have satisfactorily executed the Order for Providing and Fixing of microprocessor based annunciator facia- (SAHYADRI ELECTRO CONTROL) SECO make at 400KV Dhule/Khadka Bhusawal/BBLR & various EHV 220KV & 132KV sub stations under EHV CC O&M Zone, Nashik within stipulated time period. The performance of microprocessor based annunciator facia- SECO make is found satisfactory since commissioning.

Detail of order with date & value are as follows.

Er.	Order No	Date		in Rs.
No	CE/EHV/ CC O&M Nashik / Tech / No. 0095	14.01.2009	Providing and Fixing of microprocessor based annunciator facia- SECO make at various EHV sub stations such as 400KV Dhule/Khadka-Bhusawal/ BBLR & various EHV 220KV & 132KV sub stations under EHV CC O&M	Lakhs
			Zone, Nashik. The following materials supplied; 1)16 windows- 300 Nos 2)20 windows- 80 Nos 3) 24 windows- 70 Nos	

This certificate issued on his own request.

Chief Engineer EHV (O&M) Zone, MSETCL, Nashik.

To, √M/s Gauri Enterprises, 1-34-259, Mearaj Building, Pilla Bunglow, Jalna- 431 203.



Phone: 022-2745 9624/25(O)

- 2745 9405 (P)

Fax : 022-2745 8863

E-mail ID -

sepanvel@mahatransco.in





Office: Superintending Engineer, EHV (O&M) Circle, Panvel Takka Colony, Panvel.

Dist: Raigad- 410 206.

An ISO 9001-2000 certified Unit

Ref. No: SE/EHV(O&M)/Circle/PNL/Tech/

/ _ 1 9 1 1 Date:

2 5 JUN 2008

TO WHOM SO IT MAY CONCERN

It is to certify that M/s Gauri Enterprises, Jalna, has successfully and satisfactory completed the works of providing, installing and commissioning of microprocessor based annunciators (SECO make) at 220, 132 and 100KV sub stations under this circle against work order placed with them vide No. SE/EHV O&M Circle/PNL/Tech/S-12/2531 dt. 21/06/07 and 4835 dt. 18/12/07. The total value of works amounting to Rs. 12/- Lakhs

SUPERINTENDING ENGINEER
O/C SIGNED BY S.E.



MAHARASHTRA STATE TRANSMISION CO. LTD 400 KV R.S (O&M) DIVISION NAGPUR

From

Executive Engineer

400 KV R. S. (O&n:) Division, MSETCL

633, Mohata Apartment

Katol Road, Nagpur-13

TELEPHONE: 2594445/2590721 (Nagpur Office)

M. no. 08554993300(M) Email ID-ee4:30@mahatransco.in

Ref.No:-EE/400 KV/RSDN/NGP/T/945

Date 20/03/2015

PERFORMANCE CERTIFICATE:-

This is to certify that, M/S,Gauri Enterprises, Jalna has completed the work of supply & installation and commissioning of 16 windows (22 nos.) and 20 windows (02 nos.) microprocessor based SECO (SAHAYADRI ELECTRO CONTROL INDIA PVT.LTD. BANGLORE) make Annunciators at 400 KV Koardi Substation, MSETCL, Nagpur vide order n... 1)EE/400/KV/RS/DN/Nag/T/457 dt-06/09/2007 of amount Rs-646800=00 2)EE/400KV/RS/DN/NGP/T/826 dt-25-06-2008 of amount Rs-79196=00

The work is carried out in ONLINE condition of feeders. All the Annunciators are working in satisfactorily and performance are in good.

This certificate is issued on his request vide letter dtd- 20.03.2015

10, M/s, Gauri Enterprises, Jann.

> EXECUTIVE ENGINEER 400 KV RS.DN. M.S.E.T.C.L., Nagpur