

DEMONSTRATION OF VEBKO MAKE RELAY TESTING KIT AMT.

Minutes of Meeting held between **M/s. NTPC- Unchahar** and **M/s. NS Engineers**, for Inspection of VEBKO make Relay Testing Kit at NTPC UNCHAHAR SITE on 28/07/23.

References :-

GEM WO No.- GEMC-511687735224402.
Date:- 23-May-2023

Test kit Details :-

Make- VEBKO
Model- AMT 205
Sr. No. - 402031877

Present Members.

M/s. NTPC LTD.

Mr. Harshit Agarwal

For M/s. NS Engineers.

Mr. Jaimin Panchal
Mr. Nikunj Dave

As mentioned in PO received from M/s. NTPC, M/s. NS ENGINEERS had deliver the VEBKO Make test kit at NTPC- Unchahar Plant on 22/07/23.

M/s. NS Engineers Team visited site for Demonstration of Relay Testing kit.

M/s. NS Engineers did successful demonstration of relay testing kit, The purpose of this Inspection was to showcase the capabilities and performance of the kit.


During the Inspection, M/s. NSENGINEERS team presented the features and functionalities of the Relay testing kit, providing a detailed overview of its technical specifications and advantages.



हरषित अग्रवाल
हरषित प्रबंधक (ई.एम.डी.)
HARSHIT AGARWAL
Sr Manager (FMD)
एनटीपीसी लिमिटेड उंचाहार, रायबरेली
NTPC Limited Unchahar, Raebareilly 226406



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During demonstration following checks had been done.:-

Sr No.	Inspection Points	Remarks
1	Demonstration had been carried out for VEBKO make Relay Testing kit- AMT-205.	OK
2	As per the Tender Technical Specification Demonstration had been carried out for Hardware Parameters: 1) I/P Supply 2) Current Source 3) Voltage Source 4) DC Source 5) Binary Inputs 6) Binary Outputs 7) Analog Measurement Inputs 8) Communication through Ethernet & Wifi Connectivity	OK
3	Testing Of Distance Protection Relay Micom P442 had been demonstrated at Plant Lab , which found satisfactory.	
4	Following Software Functionalities had been checked : 1) AMT Pro Software 2) State Sequence Testing 3) Ramp Mode Testing 4) Differential Protection Relay Testing 5) Distance Protection characteristics in software 6) Xrio file Testing in software 7) COMTRADE file import and Simulation in Testing Software. 8) CT Testing, Transformer Testing, CB Testing feature in software had been shown.	OK
5	Following are the Specification of Laptop which will be Supplied along with Test Kit. Make - DELL Model- Vostro – 3510 Processor – i5 11 th Generation. RAM- 8GB Hard disk – 1 TB Windows-11, MS Office. Sr. No.- DKFKXW3 Laptop Bag	OK
6	Accessories had been supplied along with Test kit are attached herewith. M/s. NS Engineers had supply the	OK


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 बरिष्ठ प्रबंधक (ई.एम.डी.)
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 NTPC Limited Unchahar, Raibareilly-225406



	accessories for Transformer, CT, PT, CB, Isolator Testing as per the standard package accessories along with Relay Testing kit. As Purchase order is only for Relay Testing kit, M/s. NS ENGINEERS supplied accessories required for Transformer, CT, PT, CB, Isolator, Energymeter Testing as Goodwill to M/s. NTPC.	
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During Inspection Test kit functionalities found satisfactory and is in line with Technical Specification of Tender documents.

Relay Testing kit warranty shall start from the date of supply of Test kit at site as per PO Terms dtd. From 28/07/23.

Relay Testing kit along with all accessories accepted and handed over to M/s. NTPC- Unchahar plant officials.

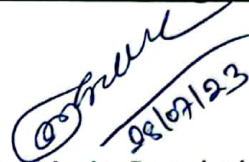
M/s. NTPC LTD.



Mr. Harshit Agarwal

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For M/s. NS Engineers.



Mr. Jaimin Panchal



Mr. Nikunj Dave

Accessories Packing Details			
Sr No	Part Description	Part Code	Qty
1	AMT 205 Relay Tester	AMT1003	1.00
2	Shoulder Bag(Soft carry Case)	AMT1002	1.00
3	Hard carry case	AMT1001	1.00
4	Serial Dongle	AMT1020	1.00
5	GPS Antenna	AMT1017	1.00
6	Combination Cable	AMT1004	1.00
7	Lead Cable	AMT1005	3.00
8	Transformer Test Cables	AMT1015	3.00
9	Power Cable	AMT1006	1.00
10	Ethernet Cable	AMT1007	1.00
11	Ground Cable	AMT1008	1.00
12	Flexible Terminal Adapters	AMT1009	12.00
13	Cable Lug	AMT1010	12.00
14	Flexible Test Lead Adapters with Retractable Sleeves	AMT1011	4.00
15	Crocodile Clips	AMT1012	4.00
16	Cable Ties	AMT1013	5.00
17	Jumper, Flexible	AMT1014	4.00


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18	Multi-head screwdriver + Allen 2, 2.5, 3	AMT1021	1.00
19	Capacitor Box	AMT1019	1.00
20	Optical Sensor for Testing Meter	AMT1018	1.00
21	Banana socket holder	AMT1022	16.00
22	Transformer Test Clamp	AMT1016	8.00
23	Laptop Dell		1.00


हर्षित अग्रवाल
 सचिव प्रबंधक (ई.एम.डी.)
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 Sr. Manager (E.M.D.)
 एनटीपीसी लिमिटेड - ईंधन, रायबरेली
 NTPC Limited Unchahar, Raibareilly





To,
VEBKO Company,
IRAN.

Date: 08/04/2023

TO WHOMSOEVER IT MAY CONCERN

We are writing to express our sincere appreciation for the Testing kit AMT-105, that your company provided to our organisation. We are using the Test kit since 1.5 years for testing and commissioning of power system protection relays & other substation equipments, and we were thoroughly impressed with its performance and capabilities.

The Testing kit was not only easy to use, but it also provided accurate and reliable results. It greatly helped us in identifying and resolving any issues related to the relays for our customers, which is crucial for the safety and reliability of power system operations.

In addition to the functionality of the kit, I would also like to commend your company on the exceptional customer service that was provided throughout the process. Your team was always responsive and helpful in answering our questions and providing us with the necessary support to ensure that we were able to use the kit to its full potential.

Moreover, the durability and portability of the kit have made it an invaluable asset for both on-site and off-site testing.

Once again, I would like to express my gratitude to your company for providing us with such a high-quality Testing kit. It has been an invaluable asset to our operations.

Sincerely,

For NS POWER TEST SOLUTIONS



Authorised Signatory.



POWER TEAM FOR GENERAL TRADING AND CONTRACTION CO.

فريق القدرة للتجارة المقاولات العامة المحدودة / شركة خاصة

No: 177 - PM
Date: 01 / 01 / 2023

To: VEBKO COMPANY

Subject / Recommendation Letter related to AMT-105

Dear Sir/Madam

We are the Power Team for Trading and General Contracting Ltd., and our company extends its warmest greetings to you.

Power Team Company is an Iraqi Team that is specialized in providing EPC services in terms of Construction, testing, and commissioning for Oil & Gas, Power Plants, and Substations in addition to Calibration, Operation & Maintenance services, also we have a special certified team familiar with GiS system and High-Voltage system up to 400kv.

We operate in all areas of Iraq, and our headquarter is located in BAGHDAD and BASRA,

We appreciate your business, and we inform you that we used the AMT-105 / VEBKO secondary injection set kit for multifunction power system testing and Protection relay testing, it's really good device and have very good options for testing, easy to use and qualified in our hot weather,

Thank you for dealing with us.

Bilal Rabah Al-Obaidi

CEO / Manager

07709313393

07818825288

Bilal@ptc-iq.com





Reference: Vebko AMT105

To whom it may concern,

I Purchased the Vebko AMT105 in September 2020 and have been working with it along side the Omicron CMC356 since then. During the first few weeks of utilising the Vebko, I had to be in touch with their customer support just to fully understand the HMI and the processes.

The customer support I received has been both professional and of excellent quality, quickly information me of how the achieve my required requirements. The customer support being 24/7 is a massive advantage and it is what will lead me to purchase more equipment from this brand.

Being an advance protection relay test engineer, I used to utilise the OCC file structure of the omicron, however with the VCC structure of the Vebko being not too dissimilar, I was quick to be able to pick up the required knowledge to build VCC files in the same way as OCC files.

With the equipment being both rugged enough for use on site and accurate enough to use within a laboratory, there really is no other device that come close within the same price range.

From my experience over the last 3 months of using and operating this equipment and the 24/7 customer support, Vebko are second to none and they come highly recommended by me.

Vebko Control Centre (VCC).

Quick and easy to produce test sequences for many different applications, all functions within the VCC module are brilliant.

Transformer Tests.

Quick to understand and brilliant reporting, I have used this on 8 transformers to date and the outcome from my clients is brilliant.

Current Transformer Tests.

Including this into the one unit is genius. Meaning that I can carry one piece of equipment to test lots of applications. CT testing is quick and easy.

Circuit Breaker Tests.

Analysing Circuit breakers using the Vebko is quick easy and to the point, the report is clear and easy to understand.

With all the great features and the 24/7 support and the cost, why would anyone buy anything else.

Kindest Regards



Edward Mowbray

EM Enterprise International Ltd

Tel: 07985380309

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Boston, Lincolnshire,
PE21 8BJ

Emowbray.emei@outlook.com



GenEko j.d.o.o.

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32010 Vukovar
Hrvatska
www.geneko.hr
OIB: 321696262661

Vebko Amirkabir
Parastar Blvd. 76, 3th Floor
3414689168 Qazvin
Iran

SUBJECT: Confirmation Letter of Supply

as agreed **Vebko Amirkabir**. has executed in full contract and in accordance with all the rules of the profession has finish procurement of a test device type AMT 105.

We are completely satisfied with the business cooperation with the company Vebko as well as the functionality and quality of the AMT105 testing device.

Josip Jaman



GenEko j.d.o.o.
Vukovar

In Vukovaru, 02.02.2021.

GenEko j.d.o.o.

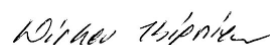
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GSM: +385 95 575-7599
IBAN: HR8123600001102773579
OIB: 32169662661
Geneko.vu@gmail.com

VEBCO COMPANY
IRAN

REFERENCE LETTER

Our company has been using VEBCO AMT105 tester for almost a year. The device works very well for our work. We use it for all kinds of checks, e.g. protection of transformers and lines. The device is easy to use.

It is also worth paying attention to good contact with the VEBCO COMPANY and 24-hour technical support.

A handwritten signature in black ink, appearing to read 'Zbigniew Wicher'.

ZAKŁAD AUTOMATYKI
Zbigniew Wicher
ul. Świerkowa 2/6, 58-100 Świdnica
NIP 8841577943 Regon 890480730
tel. 501 246 063



CV. KIAT ENERGI

ELECTRICAL TESTING & COMMISSIONING

To,
Vebko Company,
Iran,

TO WHOM IT MAY CONCERN

This is to certify that the comprehensive tester AMT105 including relay tester has been purchased from Vebko Company.

We are very satisfied with the services provided by Vebko Company, and the performance of the tester is satisfactory.

We wish you All the Best for your Future Growth.

With kind regards,

A handwritten signature in blue ink is written over a circular blue stamp. The stamp contains the text "CV. KIAT ENERGI" at the top and "JAKARTA" at the bottom, with a stylized "KE" logo in the center.

Rendi Ardian
Operational Director

Address:
GD. SENATAMA LT.2, R209
Jl. Kwitang Raya No.8, Senen
Jakarta Pusat – Indonesia
Phone: +6281932906567

Minutes of Meeting held between M/s. Rattnindia Power Limited and M/s. NS Engineers, at Rattanindia Power Limited- Nandgaon Peth site on 06.07.2023

Subject: Successful Demonstration and Handover VEBKO make (AMT105) 3ph Multifunction Relay Testing Kit.

Present Member at Site.

M/s. RATTANINDIA POWER LIMITED.

Mr. Jayant Taywade
Mr. Bheesham Kumar Sinha

M/s N.S Engineers.

Mr. Jaimin Panchal
Mr. Karan Chandnani

PO Reference Number: - 3382022660 on dated 14.04.2023

M/s. NS Engineers writing to inform you about the successful demonstration of our relay testing kit, which took place on date 05-07-2023. The purpose of this demonstration was to showcase the capabilities and performance of the kit and highlight its potential value for Rattnindia Power Limited.

During the demonstration, our team presented the features and functionalities of the relay testing kit, providing an overview of its technical specifications and advantages. We conducted various test scenarios to showcase the kit's ability to accurately test and evaluate the performance of 3-phase relays, CT & Transformer as per mention below.

1. Micom P345 (Generator Protection Relay)
2. REL 670 (Distance Protection Relay)
3. Current Transformer (300/1)
4. Dry Type Transformer (2000kVA)


M/s. NSE pleased to inform you that the demonstration was highly successful. The relay testing kit performed exceptionally well, demonstrating its reliability, precision, and ease of use. The attendees were impressed by its comprehensive testing capabilities and the efficiency it brings to the relay testing process.


Jayant Taywade
182198
06/07/2023


Jaimin Panchal
06/07/2023



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Bheesham K. Sinha
192354
06/07/2023


Karan Chandnani
06/07/2023

Throughout the demonstration, we welcomed questions and actively engaged in discussions with the participants. Their feedback and inquiries helped us further validate the effectiveness of the kit and identify potential areas of improvement, which we will address in our ongoing development efforts.

Based on the positive response and interest generated during the demonstration, we believe that our relay testing kit can significantly benefit Rattanindia power Limited. Its advanced features and intuitive interface will enhance your relay testing procedures, ensuring accurate and efficient performance evaluations.

We are confident that incorporating our relay testing kit into your operations will result in improved reliability, reduced downtime, and enhanced overall efficiency. It will enable you to maintain and monitor your relay systems with confidence, ensuring optimal functionality and preventing potential failures.

Relay Testing kit handed over along with accessories and software as per packing list on 05/07/2023 and warranty start from 05/07/2023.

M/s. NS Engineers demonstration Team left the site on 06/07/2023.

24 x 7 Support Number – +91 76000 96685

M/s. RATTANINDIA POWER LIMITED.

For M/s. NS Engineers.



Mr. Jayant Taywade
182498



Mr. Bheesham Kumar Sinha
192354
06/07/2023



Mr. Jaimin Panchal



Mr. Karan Chandnani