



HIWPT

المعهد العالي لتقنيات المياه والكهرباء
Higher Institute for Water and Power Technologies

EMPOWERING YOUTH FOR A BRIGHTER TOMORROW...



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“DEDICATED & PROFESSIONAL STAFF.”

“FRIENDLY, WORK FOCUSED & SERIOUS ATMOSPHERE”



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THAMER ALSHARHAN
ACWA Power

*“WELCOME TO OUR
LEARNING, TEACHING,
AND TRAINING
PROGRAMS.”*

“DEDICATED & PROFESSIONAL STAFF.”

It is a pleasure and an honor to address you on behalf of the Higher Institute for Water and Power Technologies (HIWPT). I strongly believe that there can be no better way to drive and improve our nation’s prosperity and social-economic well-being than through its quality education system.

As the Kingdom stands confident on the brink of an exciting future with the 2030 Vision, higher technical education, being a cornerstone in shaping our future generation, we cannot afford to be lagging behind in this fast race. And we at HIWPT aim to be right at the front of this endeavor.

The institute focuses in training on learning, which is based on doing things rather than only knowing things. The learning solutions relate to real life and motivate the learner to acquire and apply the received knowledge.

We strive to nurture our trainees with practical training knowledge and competences that can help them script their success stories; to indoctrinate them to strive and excel in life. This can only be attained by going even beyond the curricular limits and inculcating profound work ethics and personal employability skills.

The education that is thorough, purposeful, and meets the requirements of today's job market, disciplines and inculcates values and in tune with the changing dynamics of today's competitive world, is the kind of education that HIWPT offers. Throughout all our programs, quality Training is at the top of all our trainees-involvement activities.

Furthermore, I would like to acknowledge and attest the efforts our partners and clients and their crucial role they have played in this noble enterprise. I invite them to participate even more in shaping the future of our national workforce, and I promise to keep our arms open for any ideas that would help in our mission. Your views and suggestions are extremely important to us, and we take them seriously.

I take this opportunity and say to our trainees: you are at the very center of our plans and concerns. Your welfare is our number one priority. You are the agents of progress and builders of our nation. There are challenges ahead of you, so be ready and have faith in your abilities. Remember, ‘The Power Is Within You’. We are sure that you will always come out stronger after each experience.

Finally, I would like to address my colleagues at HIWPT. The top management of our great company is proud of your continuous efforts to make this institute a better place for the trainees to learn and for the employees to work. HIWPT has carved its name high among the top technical institutes in the kingdom, and this could have never been achieved without your hard work and unwavering dedication. So, from my heart, I tell you: THANK YOU!





ABOUT US

Established in January 2009, under the initiative of the ACWA Power International, a Strategic Partnership Agreement was signed with the Technical and Vocational Training Corporation (TVTC) To establish a non-profit training institute specializing in international standards training for the Water and Power industrial sectors.

The Higher Institute for Water and Power Technologies' (HIWPT) training programs have evolved through direct collaboration with our industry partners to ensure that the training provided is highly relevant to the entry-level job description and that the skills and competencies of the graduates match the plant technician requirements.

Our focus is in effective training of young Saudis in the fields of Maintenance and Operation with disciplines in Mechanical, Electrical, Instrumentation and Process Control, so that they have the necessary skills to continue developing within the organization. It is the first institute that provides solar technology training along with other related technical courses.

Employee from Day One, all trainees at HIWPT are company employees from the date they join the Institute. And so far, the Institute has successfully trained more than 6,000 Saudi youths in the region.



المؤسسة العامة للتدريب التقني والمهني
Technical and Vocational Training Corporation



NUMBERS

18

Different Industrial
Specialty

650

Current trainees
intake

6000+

Graduated, Trained & Qualified



المؤسسة العامة للتدريب التقني والمهني
Technical and Vocational Training Corporation



EMPOWERING YOUTH
FOR A BRIGHTER TOMORROW...

VISION

To be the preferred service provider for developing competent talent in **water, energy, and industrial** sectors

MISSION

To foster and promote a conducive life-long teaching and learning environment using multi-modal, innovative, **market-driven** vocational and technical programs for developing a competitive workforce

VALUES



SAFETY, HEALTH, & ENVIRONMENT

- Safe Environment**, We work together to make the institute a healthy & safe place, according to best practices and standards.
- Trainees Committed to Safety Ethics**, the institute assures all trainees are equipped with the highest standards of safety in the training environment and can implement it in the workplace.
- Security**, HIWPT assures strong and reliable security measures are implemented to protect people, asset, & property from external factors that may cause threat or harm



PEOPLE

- Teamwork**, We work together as a team to achieve highest performance with great ethical behavior and accountability.
- Integrity**, We are committed to work with honesty and transparency.
- Respect**, We treat our employees and trainees with high regards and esteem.



PERFORMANCE

- Excellence**, We strive for continuous improvement to provide valuable services.
- Professionalism**, We are qualified, skilled & committed to achieve highest performance.
- Agility**, We are flexible and able to change quickly, taking advantage of new opportunities rather than seeing them as threats.



ACCREDITATIONS



The eLearning programs at HIWPT are compliant with and accredited by the National eLearning Center, which is an entity in the Kingdom of Saudi Arabia that aims to improve the process and quality of distance education and eLearning training programs.



HIWPT is certified compliant to ISO9001:2015 of Quality Management System with the scope of providing technical training in tertiary education. This recognition shows that HIWPT complies with stringent management systems in accordance with international standards.



The HIWPT strives for excellence and quality in every aspect of its operation. The Institute has received a qualification endorsement certificate from the award giving body of the Colleges of Excellence (COE) endorsing its 18 vocational training programs.



We are a certified center to National Strategic Program for Occupational Safety and Health supported by the Ministry of Human Resources and Social Development.



We are pleased that HIWPT is an accredited partner of Takamol Holding as one of the testing centers in the region for skills assessment program.



HIWPT is an authorized Institute to offer qualification exams for technicians of the approved contractors of Saudi Aramco.



HIWPT is an approved qualification centre by the City & Guilds to offer in diploma performing engineering operations.



BOARD OF DIRECTORS

The Board is the policy-making body for the HIWPT. It is committed to providing the best education possible for every trainee by providing outstanding teachers, programs, and services that enable them to achieve their maximum potential.



AHMED BIN JALALAH
DIRECTOR

TVTC 



THAMER ALSHARHAN
CHAIRMAN

ACWA POWER 



GHANEM RASHID ALGHANEM
DIRECTOR

HRDF 



GASSER HEVIEZ
BOD SECRETARY

ACWA POWER LEGAL
COUNSEL 



ABDULLAH ALJUBRAN
DIRECTOR

ACWA POWER 



RAYAN ABDULGHANI
DIRECTOR

ACWA POWER 



MANSOUR ALKHARBOUSH
DIRECTOR

INDEPENDENT



MOUDHI AL-JAMEA
DIRECTOR

SAUDI TELECOMMUNICATION
COMPANY 



WHY HIWPT?

- ✓ **CERTIFIED & AFFILIATED** with the Technical and Vocational Training Corporation (TVTC) **HRDF** eligibility for training support programs.
 - ✓ **RECRUIT QUALIFIED** trainees through all KSA Regions.
 - ✓ **CUSTOMIZED & DEVELOPED** curriculum that matches the needs of the industry with our sponsors.
 - ✓ **PROFESSIONAL, COMPETENT, and EXPERIENCED** instructors with international and local certification.
 - ✓ **ON SITE TRAINING** to familiarize the trainees with the work environment.
 - ✓ **PROVIDED** accommodation, meals, uniforms, books etc.
 - ✓ **LABS & WORKSHOPS** feature the same technology and equipment used in the field.



INSTITUTE SERVICES

HIWPT offers various services for the industrial sector in the technical field to support and develop industrial organizations.

TRAINING & RECRUITMENT PROGRAMS

LONG TERM PROGRAMS 1-2 YEARS

- HRDF supports up to 75% of the program
- High school graduates to prepare them for entry-level jobs
- Diploma Certification by TVTC
- Includes On-Site Training
- 70% Practical 30 % Theoretical
- Customizable as per company needs

SHORT TERM PROGRAMS 2 DAY- 6 MONTHS

- Diploma & Bachelor Degree holder for the Career Path Development
- Certification that allows employees to excel in their career
- 70% Practical 30 % Theoretical
- Capability for online training
- Customizable as per company needs
- Applicable for current employees

QUALIFICATION SERVICES

Provides the qualifications that are applied by governmental regulations, located in Rabigh, Makkah region.

الفحص المهني
Professional Verification



إرامكو السعودية
saudi aramco



TRAINING PROGRAMS

LONG TERM PROGRAMS 1-2 YEARS

JOB STARTING WITH TRAINING

FEATURES

- Trainee is a registered employee from the first day of training.
- Recruiting from all KSA regions and remote areas as per company location and project.
- Train and qualify as per company customizable needs.
- Over 3000+ data base of Saudi Registries.
- Covering fields of WATER, ENERGY, SAFETY & OTHER INDUSTRIAL related activities.

CRITERIA

- High school Graduates (Science Major / Industrial)
- Passing of the English Test
- Passing Medial Exam
- Degree passing grade from 70%

FEASIBILITY

HRDF Support up to 75% of the training Program and trainee stipend



PROCESS



TRAINING PROGRAMS

LONG TERM PROGRAMS 1-2 YEARS

JOB STARTING WITH TRAINING FUNDING

Training fee, Trainee's stipend and HRDF support mechanism

Training	Institute Fees	HRDF Support	Sponsorship Cost
Training Fee	4600 SR	3000 SR	1600 SR
Stipend	0	1000 SR	3000 SR
Total	4600 SR	4000 SR	4600 SR

The minimum stipend for the trainee is 3000 SAR per month for (non-qualified) high school graduate candidates.
The minimum re-stipend for the trainee is 4000 Saudi riyals per month for (qualified) bachelor graduate candidates.

3000 Riyals, the employee is calculated as 50% (GOSI)
4000 Riyals, the employee is calculated at a rate of 100% (GOSI)




TRAINING PROGRAMS

LONG TERM PROGRAMS 1-2 YEARS

JOB STARTING WITH TRAINING

SPECIALTY FIELDS


WATER

No.	Courses	Duration	Certificate
 1	RO Desalination Technology	Two Years	Diploma
2	Wastewater Treatment	One Year	Associate Diploma

ENERGY



No.	Courses	Duration	Certificate
 1	Solar Technology	Two Years	Diploma
2	Diesel Engine Maintenance Technology	Two Years	Diploma
 3	Green energy	Two Years	Diploma
4	Plant Processes Operation	Two Years	Diploma

SAFETY

No.	Courses	Duration	Certificate
 1	Fire Fighting	One Year	Associate Diploma
2	HSE Technology	One Year	Associate Diploma



OTHER INDUSTRIAL FIELDS

No.	Courses	Duration	Certificate
1	Diesel and Refrigeration	One Year	Associate Diploma
2	Electromechanical	One Year	Associate Diploma
3	AC & Refrigeration	Two Year	Diploma
4	Facility Management Maintenance	Two Year	Diploma
5	Instrument Maintenance	Two Year	Diploma
 6	Mechatronics Technology	Two Year	Diploma
7	Welding	Two Year	Diploma
8	Electrical Equipment Maintenance	Two Year	Diploma
9	Mechanical Equipment Maintenance	Two Year	Diploma
 10	Materials Management	One Year	Associate Diploma





TRAINING PROGRAMS

SHORT TERM PROGRAMS 2 DAYS - 6 MONTHS

EMPLOYEE DEVELOPMENT PROGRAMS 2 DAYS - 6 MONTHS

Believing in the importance of developing human resources, which is one of the most important factors for institutions' success, the Institute has been keen to establish short technical courses in the disciplines it offers, which targeting administrative staff, engineers, and technicians in the water and power industry and other related sectors.

FEATURES

- Dedicated for Full time Employee
- Availability for trainer to be on site
- Career enhancement for employee to escalate.
- Customizable as per job requirements
- Covering all fields for the company
- 70% Practical 30% Theory
- Online training option

SPECIALTY EXAMPLES

N°	Courses	Duration
1	Safety & Health Courses	2 Days
2	Technical & Process Developmental Courses	5 Days
3	Management Courses	5 Days
4	English for Workplace Courses	6 Weeks
5	Simulator Courses for Local & CCR Operator	3-6 Weeks
6	Occupational Health and Safety Personnel Program	3-4 Months
7	New Engineers Industrial Qualification Program	6 Months



TRAINING PROGRAMS

SHORT TERM PROGRAMS 2 DAYS – 6 MONTHS

CORPORATE SOCIAL RESPONSIBILITY 1-2 MONTHS/ YEARS

Businesses that take social responsibility seriously can win consumers, as well as develop a platform to market and earn their audience's attention. Simply help people see your company as a positive force in society. HIWPT developed CSR Programs with different industrial fields to support in the communities education and development. Every Company can Design their own CSR to support and develop the community as per their customization.



WORKFORCE DEVELOPMENT PROGRAM

Reskilling Program for Bachelor degree graduates into 5 trending job fields in the workforce market

- Bachelor Degree with Non-Technical Background
- 200 Trainees
- On-Site Training
- 5 Market Trending Specialties
- 70% Practical 30% Theory

SPONSORED BY:



Summer Program

SUMMER PROGRAM FOR HIGHSCHOOL

Dedicated for the young active student to invest in their time during summer. In which involved the sons of Petro Rabigh employee.

- Includes multiple soft skills programs
- Applicable for online
- Both male and female

SPONSORED BY:



INDUSTRIAL QUALIFICATION PROGRAM

INDUSTRIAL QUALIFICATION ENGINEERS

Collaborative training for fresh engineers through the practical practice within HIWPT workshops or through supervised trainer at company site

- Fresh Graduated Engineers
- Upskill the engineers working skills to match the work field

SPONSORED BY:



QUALIFICATION SERVICES



HIWPT is approved to offer qualification assurance on behalf of Saudi Aramco in the following disciplines:

- **Electrical**
- **PCST (Instrumentation)**
- **HVAC**
- **Metals Fabricator**
- **Metals Pipefitter**
- **Machinist (Mechanical)**

HIWPT Testing Center for Takamol is available on the following qualifications:

- **Electrical**
- **Plumbing**

City & Guilds has authorized HIWPT to offer the following engineering qualification assessment:

- **Level 2 NVQ Diploma in Performing Engineering Operations**



Qualified Workforce in the field of quarries to support mining license holders to comply with the mining investment system and the executive regulations regarding the requirements of the mining license to employ an official in the quarries to increase the supervision of operations and manage the societal impact.

Program duration 3 month in an intensive training program to enable the trainee to obtain accreditation for a professional in quarries and crushes.



This program provides training in the field of occupational safety and health at the practitioner and professional levels, and at the end of the program obtaining a certificate in the field of occupational safety and health authorizing the practice of the profession.

SUCCESS STORIES

Our trainees' success stories working with various projects to showcase all of their achievements



Robot for Cleaning Solar Panels

Remote-controlled robot installation on solar panels.



Clean Energy

Installing a 5 kW solar system serving HIWPT parking spaces and operating the institute's electricity workshop.



Clean Energy Electric Bike Project

A bicycle equipped with an electric motor carries a weight of up to 350 kg and a maximum speed of 30 km per hour, and a travel distance of 70 km on a single electric charge..



ارامكو السعودية
Saudi Aramco



Solar guidance and practical application of the project

Junior Saudi Aramco engineers attended the Solar Orientation and Project Practical Course in Rabigh, and their performance was successful, and the training partnership with the Institute was much appreciated.



Engine parts detailing and structuring

Detailing and restructuring the engine parts on the wall of the institute for detailed clarification and educational purposes for the upcoming batches.



EMPOWERING YOUTH
FOR A BRIGHTER TOMORROW...

LABS & WORKSHOPS

Our numerous methods and materials with the most effective training technology are available to help prepare and equip our trainees to better do their jobs.



CAMPUS FACILITIES

The HIWPT comprises a campus general services; a multi-purpose hall for assembly & exhibition, dining, recreation & parking area, computer lab & workshops, conference room & housing facilities for trainees, faculty, staff, and outside visitors to campus.



STRATEGIC PARTNERS



المؤسسة العامة للتدريب التقني والمهني
Technical and Vocational Training Corporation



SPONSORS



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