

World Plumbing Day Mar.11

WORLDPLUMBING.ORG

WHAT IS WORLD PLUMBING DAY?

World Plumbing Day is an initiative by the World Plumbing Council and is celebrated around the world every year on March 11. The day aims to spread awareness of the importance of plumbing and plumbers in protecting public health and improving access to clean water and sanitation facilities.

WHY CELEBRATE WORLD PLUMBING DAY?

Plumbing is a major part of our everyday routine such as having a shower, getting a glass of water from a tap and flushing the toilet. All of these tasks are possible thanks to trained plumbers and advances in plumbing.

Plumbing improves the world



SUPPLY

Over 1 billion people gained access to piped water supplies between 2000 and 2015



SANITATION

The global population of people who used safely managed sanitation services increased from 28% in 2000 to 39% in 2015



SANITATION

Between 2000 and 2015 the number of people defecating in the open declined from 1229 to 892 million, an average of 22 million people per year



DUAL FLUSH

The dual system toilet flush, created in a small town in South Australia in 1980, now uses as little as 4.5 litres of water



EFFICIENCY

A 4-minute shower can now use as little as 24 litres of water

THE HARD FACTS

INFORMATION SOURCED FROM UNICEF + WHO 2017 UPDATE AND SDG BASELINE

900 MILLION SCHOOL CHILDREN ACROSS THE WORLD HAVE NO HANDWASHING FACILITIES - A CRITICAL BARRIER IN THE SPREAD OF DEADLY DISEASES

361,000 CHILDREN PER YEAR (ALMOST 1000 PER DAY) UNDER 5 DIE DUE TO WATER BORN DIARRHOEAL DISEASES CAUSED BY OPEN DEFECATION NEAR WATERWAYS

6 IN 10 PEOPLE (4.5 BILLION) LACK SAFELY MANAGED SANITATION

3 IN 10 PEOPLE WORLDWIDE (2.1 BILLION) LACK ACCESS TO SAFE, READILY AVAILABLE WATER AT HOME



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Why is plumbing important?

Plumbing is the job of working with pipes, tubing and plumbing fixtures for any fluid (freshwater, waste water, grey water and gas) system. Plumbing is the one system that your house cannot be without. Plumbing is used to keep both you and your house clean and hygienic. Without plumbing there would be no hot water to shower in, no gas for cooking or to heat your house, no flush toilets and no air conditioners to cool the house.

What do plumbers do?

A plumber is a trained professional who fixes or installs piping systems, plumbing fixtures and equipment. Many basic everyday amenities such as the toilet, the air conditioner unit, the kitchen sink and the shower are just the end fixture of a large range of intricate piping, valves and fittings that allow these fixtures to work. It is a plumbers' job to make sure all of these amenities work correctly to keep you and your family safe.

Why do we need trained plumbers?

Plumbing is carefully regulated. The regulations are important because many aspects of plumbing are dangerous, such as sewage and waste contain harmful bacteria and poisonous gases. Plumbers are trained to manage the waste correctly. Plumbers also protect against the serious danger of water contamination, through damaged piping or wrong connections.

Regulations of plumbing also exist to ensure that the water in your hot water tank is of a sufficient temperature to prevent dangerous legionella bacteria.

Legionella are a naturally occurring bacteria that become dangerous when they multiply in warm water and damp spaces. Legionella cause Legionnaires disease once they multiply. Legionnaires disease can rapidly progress from flu like symptoms into pneumonia with a chest infection, high fever and chest pain.

Plumbers also need to incorporate valves that limit the temperature of water coming out from the shower to ensure it doesn't lead to scalding or burns.

How can you become a plumber?

In many countries plumbers must complete an apprenticeship. Apprenticeships usually last four to five years and are typically managed by local plumbers' union and associations.

TO FIND OUT ABOUT BECOMING A PLUMBER IN YOUR TOWN CONTACT YOUR LOCAL PLUMBING INDUSTRY ASSOCIATION FOR MORE INFORMATION

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