



## Application: Solvent Extraction Plants



### PROBLEM STATEMENT

Copper mining Solvent extraction plants are known to burn catastrophically and until now it was even believed by some that they were uninsurable. The sheer scale of trying to fight a fire that is spread over several stripping and extraction tanks is where traditional firefighting systems have failed. This is not a problem when you have super-effective, super-sized fire fighting foam extinguishers that can be individually “plugged into” every SX tank in every SX train on your site.

DON'T FEAR IT - **FIGHT** IT!

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# Effective fire protection of Cu SX plants

WITH A UNIQUE FIRE FIGHTING FOAM TO WORK WITH, PROTECT-O-BURN CHALLENGES THE NORM, IN AN ONGOING QUEST FOR FIRE PROTECTION EXCELLENCE.

What can you do when you have a **lot** of top quality fire fighting foam that is **instantly** available, **anywhere** it may be required?

To explain: you can think of a vessel of Protect-o-Burn fire fighting foam as being a giant pressurised extinguisher that can be placed anywhere you want, to protect (almost) anything you can imagine.

This makes it possible to install a unique fire fighting system that is capable of producing super-massive amounts of fire fighting foam, to protect an entire SX plant consisting of more than one SX Train, plus Crud plants, plus Loaded Organic tanks, plus After Settler tanks, plus Diluent Storage, plus whatever else you can think of, with overwhelming simultaneous force, as per the recommendations of the IMIU.



## PHILOSOPHY

We believe in:  
Hitting a fire **EARLY**  
Hitting a fire **FAST**  
Hitting a fire **HARD**

This philosophy of applying overwhelming force has enabled us to meet and exceed all the relevant codes and standards, on every site in which we have carried out a special-risks, fire protection installation.

Our latest installation makes 473m<sup>3</sup> of foam every minute over more than 3500 square meters of Organic.

## DETECTION

Flame and temperature detection are crucial for protection of Cu SX plants.

Temperature detection functions well to monitor conditions in mixer boxes and organic coalescers.

Flame detectors are excellent at rapid detection of fire in settler tanks.



## MAINTENANCE, SUPPORT AND TRAINING

is included with every fire protection system purchased from Protect-o-Burn.

24 hour support is only a phone call away.

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Exclusive to:  
**PROTECT-O-BURN**<sup>®</sup>