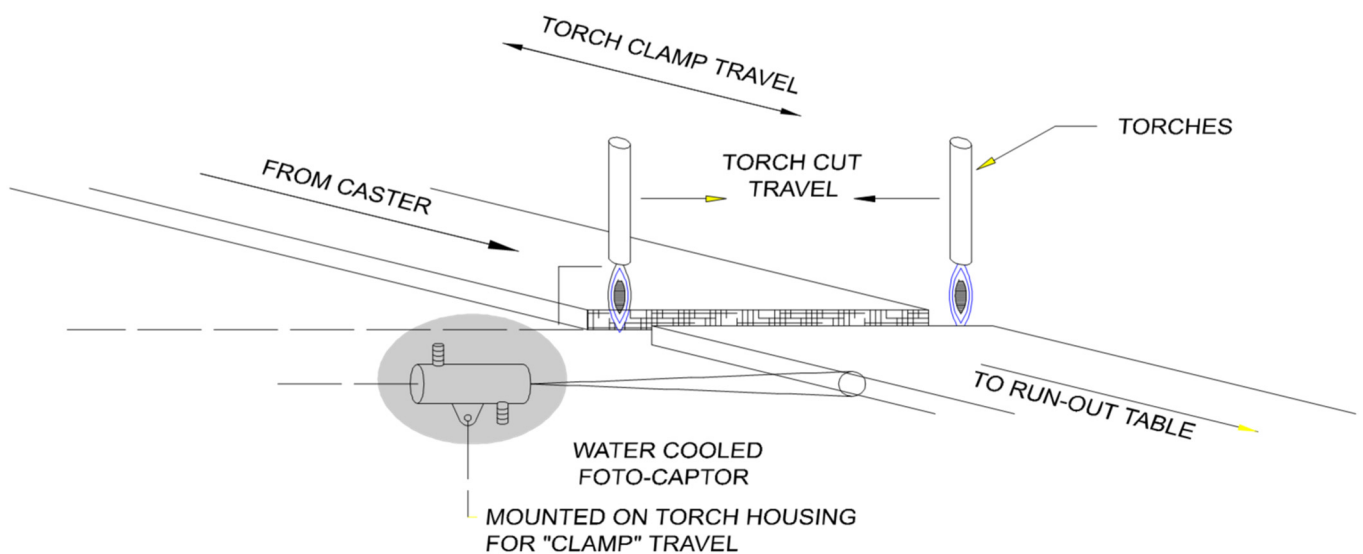


Slab separation verification

INTRODUCTION

The environmental conditions in the steel industry are a challenge for any type of control equipment. High temperatures, vibration, excessive dust and contamination are setting the limits for standard equipment. Our sensors have been designed and carefully built to meet the specific demands of the steel industry.



PROBLEM

In the process of cutting slabs for the continuous caster, verification of slab separation is needed. If, for example, the gas to the cutting torch is shut off, the torch may go through the sequence without cutting the slab. This can lead to expensive manual rework and equipment downtime.

SOLUTION

The installation of a photo-captor to detect separation of the slab after cutting solves this problem. In case the cutting did not take place, the photo-captor will generate a signal to the controller.

BENEFIT

Avoiding equipment damage and down time.