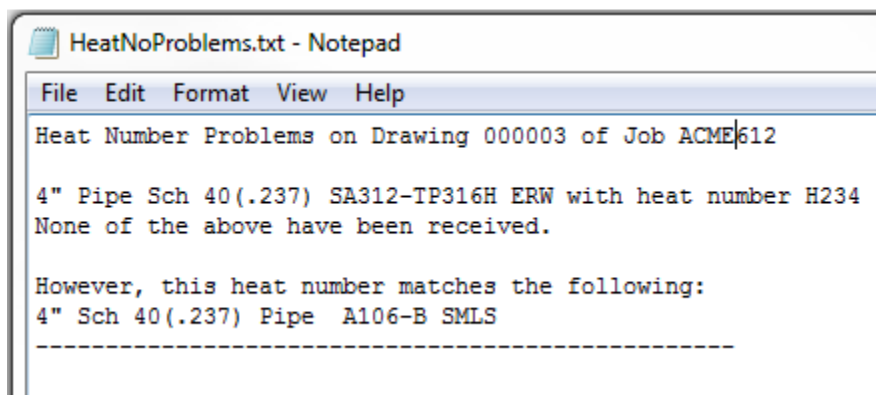


The Importance of Heat Number Checks

The petrochemical industry has seen instances where the wrong type of steel was used in a piping component, resulting in fire/explosion and major litigation, see the link below for an example from 2005.

<https://www.theglobeandmail.com/report-on-business/suncor-sues-over-oil-sands-fire/article676893/>

AcornPipe's heat number checking system is designed to reduce the chance of this kind of event; if the heat number entered is not valid for the specific item involved, but it does match a different item, a warning is issued along the lines of the following:



```
HeatNoProblems.txt - Notepad
File Edit Format View Help
Heat Number Problems on Drawing 000003 of Job ACME612

4" Pipe Sch 40(.237) SA312-TP316H ERW with heat number H234
None of the above have been received.

However, this heat number matches the following:
4" Sch 40(.237) Pipe A106-B SMLS
-----
```

This kind of notification acts as a red flag that the wrong material may have been used. Some fabricators routinely enter heat numbers into AcornPipe before a spool is even welded, helping them detect this kind of issue early and remedy it at very low cost.