

## Learning Event – 32 Amp 110V Extension Lead

An incident occurred recently where a 110V extension lead with a 32A plug showed signs of severe damage due to overheating. This had the potential to cause a fire.

The investigation is still on-going, however the initial findings are that, although this lead had a 32A plug, the cable was only rated to 20A and was being used to charge a MEWP which required a 32A cable.

The manufacturer of this cable sells two versions with a 32A plug, one with a cable size of 2.5mm<sup>2</sup> (20A), and one with 4mm<sup>2</sup> (32A).

In this instance the cable was marked 'Do not Exceed 20A'. This may not always be the case, however the cable will be marked 2.5mm<sup>2</sup> or 4mm<sup>2</sup>.

Our policy with the Plant Desk is that only 32A (4mm<sup>2</sup>) cables will be supplied, but this issue may be present within the supply chain. This is also a requirement of CASSE section 6.8.

**Action – Communicate alert to your local supply chain, review 32A leads at all projects and remove those marked '20A', or 2.5mm<sup>2</sup> Cable.**



Reference	Issue Date	Display Until Date
SHE-ALT-2021/006	27/10/21	31/12/21