OFFICIAL RULES FOR THE

2016 TULSA ENGINEERING CHALLENGE

Sponsored by the Tulsa Engineering Foundation

CHEMICAL SWITCH COMPETITION

Important Notice: Only Middle and Upper Divisions may enter.

OBJECTIVE

To turn off a light ul using a cher ical reaction

COMPETITION ENTRY REQUIREMENTS

Each registere entrant in invivinual or tear r ay sur it one cher ical switch into the cor, etition Each entry r ust e accor, anie y resign rocur entation. The resign rocur entation r ust use the forr at the entroid of these official rules. No entry will e acce, ter without cor, lete resign rocur entation. An entrant will have the o,, ortunity to resur it incor, lete rocur entation. The resign rocur entation will e use to jurge the safety of the resign.

The contest is lir ite* to six entries _er school

CHEMICAL REACTION OPTIONS

The stutents r ay use any cher ical reaction that can e safely o, erate indoors Entries using o, en flar es or reactions that release sr oke or s, ray will e disqualified. The Officials have the right to rule that a cher ical reaction is unsafe for indoor o, eration. Since no fur e hood will e availa le cher icals r ust not require the use of a fur e hood. Any dilutions should e done efore trans, orting cher icals to the site. A container for the dis, osal of acids will e , rovided ut entrants r ust r ake arranger ents for the dis, osal

JUDGING AND SCORING

For each entry the tir e require* to turn the light ul off will e recor*e* The goal is to turn off the light as close to secon*s as ,ossi le without turning it off efore secon*s Tir e is equal to t in secon*s

Any entries that turn the light ul off efore ten