Module D AnswerKeyIncidence Rate tcfh 1-30-14rev1.0,. this is the answer key to this module and complete the test and email to [billy.earnst@angeltrax.com](mailto:billy.earnst@angeltrax.com). 100% score earns 0.5 hours of credit in the Safety and Loss prevention program

INCIDENCE RATE

One indication of the success of our safety effort is our “incidence rate”. When bidding a job, our incidence rate could be a determining factor in a successful bid. The incidence rate is determined by the following formula:

N/EH X 200,000 where:

N = number of injuries and/or illnesses

EH = total hours worked by all employees during the calendar year.

200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

To find the “Lost Workday Injury Rate” (LWDI), the following formula is used: LWDI Rate = (# LWDI’s X 200,000)/# employee hours worked

# LWDI = sum of LWDI’s in reference years

# employee hours worked = sum of employee hours in reference years 200,000 = base for 100 full-time equivalent workers

(working 40 hours per week, 50 weeks per year).

When accidents and injuries occur, the have an immediate detrimental impact on those employees involved. Additionally, they have a potential lingering negative impact on our company and our ability to get work.

Ex. Angeltrax has 2 Lost Work Day injuries during the last 12 months. What is Angeltrax’s Incidence Rate? Angeltrax has 80 employees.

N= 2

EH= 80 employees x 40 hours/ week x 50 weeks/ yr= 160,000

LWDI rate= (2/160,000) x 200,000= 2.5