National Chemical Technician Award Candidate Form

Candidate information Name: Jeremy R. Dunn Title: Senior Technician ConocoPhillips Company name: Phillips Reserch Center Complete work address: Hwy 60 & 123 Building 85G Bartlesville Ok 74004 *Work phone:* 918-661-6012 Jeremy.r.dunn@conocophillips.com Candidate's immediate supervisor's information Supervisor's Danny A. **Supervisor's** Inspection and Failure foreman name: Daniels title: Work Phone: 918-661-9538 Email: Danny.a.daniels@conocophillips.com Nominator's information Nominator's PRODUCTION LAB SERVICES Nominator's Kay Bjornen name: title: **SUPV** Work Phone: 918-661-5453 Email: Kay.k.bjornen@conocophillips.com Candidate Eligibility All three boxes in the Eligible column must be checked for candidate to be eligible. Eligible Ineligible 1. Is the candidate a chemistry-based laboratory technician, X Yes ☐ No process technician, operator, analyst, or other applied chemical technology professional? 2. Has the candidate been employed for at least five years as an X□ Yes □No applied chemical technology professional? 3. Is the candidate currently a member of the Committee on ☐ Yes XNo Technician Affairs Executive Board and/or Advocacy & Public Relations Subcommittee? Candidate's contribution in six areas of award criteria Make space as necessary under each category. Total packet, including letter(s) of recommendation, must not exceed 6 pages, minimum 10-point font. Do not include proprietary, confidential, or private information..

Technical Achievements (worth 60%)

Jeremy has worked in the Oil & Gas Industry for 9 years prior to his employment at ConocoPhillips in 2012. He received a Bachelor of Science degree in Environmental Health and Safety Management and a minor in Business Management from Northeastern State University.

He has worked collaboratively with subject matter experts to provide technical support to most of COP operations around the globe. His individual contributions had significant impact on several projects by conducting well designed and sometime innovative experiments to produce valuable data that was used to draw major conclusions and recommendations to the field. The following is a list of the main projects Jeremy was part of and made major contribution to.

- Corrosion inhibitor selection using flow loop testing for COP UK (Britannia, Britsats, SNS, Calder, Alder) Jeremy is highly involved in making modifications to the flow loop to provide guidance for saving millions of dollars on corrosion inhibitors through determining the optimum dosage under field conditions.
- Sour corrosion testing for COP Qatar operation (very high H2S environment) Jeremy was one of the leaders in writing several of the sour gas SOP's and continues to look at our sour gas procedures to make sure that we continue handling the high concentration of H2s in the safest manner.
- Performance testing of the incumbent inhibitors in Teesside pipeline for COP Norway to

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increase the life of the assets and reduce the potential for lost production.

- Performance ranking of corrosion inhibitors for COP Alaska (Kuparuk and Alpine) This testing is at the most importance to the Alaska BU because of the lack of testing spots on in the Alaska field. The testing has to be accurate and in a done in a very timely manner to serve the BU's schedule because of the weather condition.
- Innovative custom testing to solve gunking and corrosion issues for Lost Cabin Gas Plant for Lower 48 operations.

Jeremy has not only lead the operation, maintenance and upgrading of existent corrosion testing, but has also contributed to design of new experimental and equipment. Jeremy has been able to respond to particular testing requested by engineers and scientists and each individual BU's.

Other (Considered together to make up the remaining 40%) Leadership/Mentoring (15%)

Over the course of his career, he has been involved with mentoring and training other technicians on testing/ equipment operation, data acquisition, and material handling. His leadership efforts have included being the building marshal for two of our sour gas laboratories, contributing to overall safety, maintenance, and test scheduling. He has been involved with the ConocoPhillips Safety Day, heading up the committee in 2014. He has also been an active member of the Phillips Research Center- Emergency Response Team since 2011 and been involved in multiple onsite sub committees.

Number of communications/publications (5%) Please do not include titles.

External publications, presentations, patents

Between 2012 and 2015 Jeremy has had 6 external publications and presentations

Internal presentations, publications Include SOPs, presentation to teams, etc.

Between 2012 and 2015 Jeremy has had 7 internal presentations

Contribution to quality, safety, and other initiatives (5%)

He has provided a high standard for safety within the workplace. In February of 2015 after months of preparation and prequalification by passing the Associate Safety Professional Certification Exam he was able to sit and pass the Board of Certified Professionals- CSP Certification Exam. The CSP certification is nationally accredited by NCCA and CESB and internationally accredited by ANSI. This has allowed him use his education and experience to develop ways to control or reduce hazards and exposures that can harm people, property or the environment. This has allowed Jeremy to write SOP's and white sheets more accurately and with the selection on the best PPE for a job and process.

Awards (5%)

Professional and community activities (ACS, AIChE, outreach, etc.) (10%)

This will be the third year that he has sat on the Committee for the ConocoPhillips/ Phillips 66 United Way Annual Golf Tournament. This Golf tournament has netted over \$500,000 in donations over the last two years and expected to increase again from last year's record amount.