

Frederick G. Koether
Longmont, CO 80501
(303) 514 - 7636
fkoeother@digginfertubers.com

Qualifications

Support in the manufacturing environment;
special emphasis on Design, Production and
sales in Government and Commercial markets.

Experience

2009 – Present DENVER MUSEUM OF NATURE AND SCIENCE, Denver, CO

- **DMNS Certificate: Field and Lab - 2009.**
- **Field Experience, Snowmass, Canon City, GSENM**
- **Paleo Prep & Thin Section Labs (Histologic & Petrographic)**
- **Earth Sciences Department Volunteer**

2009 – 2011 T. A. PELSUE COMPANY, Englewood

- **Design Engineer: co-development & documentation.**
**Created level III manufacturing drawings of 35KW and 15KW
standby generator systems - Prototype through Production.**

1995 - 2008 BIG HORN EQUIPMENT COMPANY, Loveland, CO

- **Founded Big Horn Equipment Co - Logistics support for portable floodlighting units:**
- **Bid preparation - DLA agencies**
- **Responsible for Sales, Production, Product Development,**
- **Packaging, Shipping and DOD QAR interface.**

1984 – 1995 IKON SYSTEMS, INC., Longmont, CO

- **Founded IKON SYSTEMS in 1984 as manufacturer of
portable floodlighting systems, power generation and
power distribution systems, portable ventilation equipment,
solar-operated traffic control trailers for the construction and rental market**
- **Commercial and Government sales**

Frederick G. Koether
Longmont, CO 80501
(303) 514 - 7636

2

Education

Penn State: ITS (current)
Front Range Community College, A.S.
Denver Museum of Nature and Science, Field and Lab Certificate:
 Paleo Preparation Lab: 2009 - Present
 Thin-Section Lab (Histologic, Petrographic): 2010 - Present
 Collections Dept: 2011 – 2012
 Field: GSENM, UT (Cretaceous) – 2012
 Snowmass, CO (Pleistocene) – 2011
 Canon City, CO (Jurassic) – 2009, 2010, 2011

CAD: SolidWorks - 3 years

Intellectual Property

Patents Awarded: Pneumatic-Telescoping Tower
Patent Pending: Spring Retraction System
 Retention Lock – Wheel Boot

Security Clearance

Site clearance: Secret

Additional Skills

- + Mechanical and electrical assembly skills (own my own tools)**
- + MIG Welding, wire feed (own my own welding equipment),**
- + Drill Press, Band Saws, Production Painting (own my own equipment)**
- + Material Handling experience: Forklifts, Pallet Jacks**

Frederick G. Koether
P.O. Box 2491
Longmont, CO 80501
303.514.7636

Professional References:

1. Christopher Duke, M.E.
T.A. Pelsue Company
Manager of Engineering
303.975.5226
chrisd@pelsue.com

2. Ian Miller, PhD
Denver Museum of Nature and Science
Department Chair: Earth Sciences
Curator of Paleontology
303.370.8351
ian.miller@dmns.org

3. Bryan Small, M.S.
Denver Museum of Nature and Science
Department of Earth Sciences
Director: Preparation Laboratory
303.370.6404
bryan.small@dmns.org