



## **Pipe Bursting Qualifications**

### **Personnel Experience**

Brian Kinney	Project Manager	16 years
Lloyd Lierman	Superintendent	16 years
Gary Cooper	Operator	5 years
Dustin James	Operator	3 years

All personnel are certified by High Country Fusion for pipe welding on McElroy Fusion machines.

### **References**

David Hank	Owner	High Country Fusion
Brian Shields	Salesman	High Country Fusion

All personnel are trained in the use of wench and bursting systems by TT Technologies.

### **Reference**

Jim Moore	Salesman	TT Technologies
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### **Bursting Experience**

City of Kimberly	65,000 lf
City of Gooding	25,000 lf
City of Parma	5,000 lf
City of Lewiston	5,000 lf
City of Boise	12,000 lf
City of Boise	2,500 lf
City of Nampa	3,000 lf
City of Caldwell	3,000 lf
City of Kellogg	2,000 lf
MHAFB	4,500 lf
City of Miles City MT	6,000 lf
City of Homedale	7,900 lf
City of Meridian	4,400 lf
City of Lewiston	1,100 lf
City of Caldwell	1,150 lf
City of Rigby	1,200 lf
City of Meridian	2,800 lf

# CERTIFICATE OF QUALIFICATION

*This certifies that*

*Lloyd Lierman*  
*Of*

*Cascade Pipeline Corporation*

*has completed training in all the requirements on*  
*Polyethylene Heat Fusion*

*&*

*Operation of McElroy #618 Fusion Machine*

*Title 49 of the Code of Federal Regulations #192.285*

*GIVEN THIS 17<sup>th</sup> DAY OF APRIL 2010 BY HIGH COUNTRY FUSION CO.*

*Chuck Panella*

*Signature*

*4/17/2010*

*Date*

# CERTIFICATE OF QUALIFICATION

*This certifies that*

*James L. Kuhn*

*Of*

*Cascade Pipeline Corporation*

*has completed training in all the requirements on*

*Polyethylene Heat Fusion*

*&*

*Operation of McElroy #618 Fusion Machine*

*Title 49 of the Code of Federal Regulations #192.285*

*GIVEN THIS 17<sup>th</sup> DAY OF APRIL 2010 BY HIGH COUNTRY FUSION CO.*

*Chuck Panella*

Signature

*4/17/2010*

Date

# CERTIFICATE OF QUALIFICATION

*This certifies that*

*Gary O. Cooper*  
*Of*

*Cascade Pipeline Corporation*

*has completed training in all the requirements on  
Polyethylene Heat Fusion*

*&*

*Operation of McElroy #618 Fusion Machine*

*Title 49 of the Code of Federal Regulations #192.285*

*GIVEN THIS 17<sup>th</sup> DAY OF APRIL 2010 BY HIGH COUNTRY FUSION CO.*

*Chuck Panella*  
Signature

*4/17/2010*  
Date

# CERTIFICATE OF QUALIFICATION

*This certifies that*

*Phillip M. Kuhn*  
*Of*

*Cascade Pipeline Corporation*

*has completed training in all the requirements on  
Polyethylene Heat Fusion*

*&*

*Operation of McElroy #618 Fusion Machine*

*Title 49 of the Code of Federal Regulations #192.285*

*GIVEN THIS 17<sup>th</sup> DAY OF APRIL 2010 BY HIGH COUNTRY FUSION CO.*

*Chuck Panella*

*Signature*

*4/17/2010*

*Date*

# CERTIFICATE OF QUALIFICATION

*This certifies that*

*Dustin C. James*  
*Of*

*Cascade Pipeline Corporation*

*has completed training in all the requirements on  
Polyethylene Heat Fusion*

*Operation of McElroy #618 Fusion Machine  
Title 49 of the Code of Federal Regulations #192.285*

*GIVEN THIS 17<sup>th</sup> DAY OF APRIL 2010 BY HIGH COUNTRY FUSION CO.*

*Chuck Panella*  
Signature

*4/17/2010*  
Date



**TT Technologies, Inc.**

Piercing Tools - Pipe Ramming & Pipe Bursting Systems

2020 East New York St., Aurora, IL 60502  
Phone (630)851-8200 OR (800)533-2078  
Fax: (630)851-8299  
www.tttechnologies.com  
E-mail: info@tttechnologies.com

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**"Leaders in Trenchless Technology"**

July 22, 2010

Mr. John McNatt  
Cascade Pipeline Corp.  
P.O. Box 1135  
Meridian, ID 83680

Re: *[Faint, illegible text]*

To Whom It May Concern:

This letter confirms that Cascade Pipeline Corp. has been formally trained in the proper methods and procedures on how to correctly operate the **GRUNDOCRACK** Pneumatic Pipe Bursting System, **GRUNDOWINCH** constant Tension Winch and the **GRUNDOBURST** Static Pipe Bursting System. A constant tension winch is the only type winch that allows the pneumatic pipe bursting system to perform properly. Cascade Pipeline Corp. has successfully completed multiple pipe bursting projects using TT Technologies, Inc. pipe bursting equipment over the past 4 years. Their training and experience make Cascade Pipeline Corp. well qualified to use our equipment on a pipe bursting project. Much of our skill and knowledge has been gained from bursting in excess of 4,000,000 feet of pipe with our customers over the past 16 years.

In addition, Cascade Pipeline Corp. has also been trained on the proper methods and procedures on how to correctly operate and install product pipe utilizing the **GRUNDOBURST** Static Pipe Splitting System. The **GRUNDOBURST** system is used in the trenchless replacement of gas, water and sewer lines in sensitive ground locations or with pipes or cables close to buildings. Our technical personnel are available as needed to support Cascade Pipeline Corp. personnel on the proper operation of the **GRUNDOCRACK** or **GRUNDOBURST** pipe bursting equipment. We want to make sure every pipe bursting job is a successful pipe bursting job.

It will be a pleasure to work with you soon.

Best Regards,

*Jim Moore*

Jim Moore  
N.W. Regional Sales Manager  
[jmoore@tttechnologies.com](mailto:jmoore@tttechnologies.com)  
[www.tttechnologies.com](http://www.tttechnologies.com)

/ps

cc: C.J. Brahler, M. Patton