

2019



LIST OF APPROVED NUCLEAR DENSITY GAUGES

GAUGES ON THE LIST ARE APPROVED FOR USE ON 2019 WISDOT HIGHWAY CONSTRUCTION PROJECTS.

The approved list is updated at a minimum of once per month, if your gauge doesn't appear on the list or if you need written approval please contact Mike Bohn @ michael.bohn@dot.wi.gov or 608-516-6359.

Calibration Blocks are Located at
2841 Industrial Street
Wisconsin Rapids WI 54495

AECOM Technical Services.

558 North Main Street
Oshkosh, WI 54901

Chad Wilson
Cell 920-475-2333
chad.wilson@aecom.com

Approved Trained Operators Will Be Maintained By University Of Plattville HTCP

<http://www.uwplatt.edu/HTCP>

All operators performing acceptance testing of asphaltic pavements, soils special compaction, and all QMP density projects must be HTCP certified as a NUCDENSITYTEC-1.

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
8365	4/23/2019	A=1.97656	B=143.01364	C=-0.26450
8364	4/23/2019	A=2.08503	B=102.05433	C=-0.0703
6457	4/23/2019	A=2.21151	B=83.7933	C=0.03592
8251	4/23/2019	A=1.82995	B=139.66762	C=-0.24945
6309	4/23/2019	A=2.1334	B=87.70906	C=0.02517
4707	4/23/2019	A=1.91660	B=105.27130	C=-0.02993

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
21949	4/23/2019	A=2.05314	B=0.83326	C=0.02714

Alfred Benesch & Company

4660 South Hagadorn Road
East Lansing, MI 48823

Wilson Padilla RSO
Cell 616-893-7313

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
10275	5/28/2019	A=2.67585	B=70.09019	C=0.11969
10272	5/28/2019	A=2.74216	B=86.78117	C=-0.00386

All Testing Specialists

S15 W33950 Wolf Road
Oconomowoc, WI 53066

Doug Joza RSO
(608)604-9926 cell
douj@alltestlab.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31146	5/3/2019	A=2.30901	B=80.01312	C=0.12596
6022	5/3/2019	A=2.38211	B=77.60962	C=0.08320
6021	5/3/2019	A=1.52249	B=110.91862	C=-0.04168

Certificate of Calibration of Seaman Nuclear gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>
A572	5/8/2019	N/A
A908	5/8/2019	N/A
211330	5/8/2019	N/A

American Engineering Testing Inc.

4203 Schofield Ave, Suite 1
Schofield, WI 54476
and
1837 County Highway OO
Chippewa Falls, WI 54729

Paul Michlig RSO
(715)571-7309
pmichlig@amengtest.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
24684	4/23/2019	A=3.39152	B=1.37516	C=-0.09727
36171	4/23/2019	A=2.22125	B=0.93213	C=0.00997
37978	4/23/2019	A=2.7768	B=0.85607	C=0.05553
37981	4/23/2019	A=3.32729	B=1.16858	C=-0.05734
37983	4/23/2019	A=2.92293	B=1.05095	C=-0.01923
34085	5/7/2019	A=3.46152	B=1.24045	C=-0.06797
30151	5/7/2019	A=2.31984	B=1.00068	C=-0.01804
37982	5/7/2019	A=4.58962	B=1.36444	C=-0.08714
34088	5/8/2019	A=4.44207	B=1.45703	C=-0.09514

Ayres Associates

1802 Pankratz Street
Madison, WI 53704

Nick Hoernke RSO
(608)443-1282

hoernken@ayresassociates.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
21214	4/17/2019	A=2.68291	B=1.11784	C=-0.04637
33179	4/17/2019	A=2.88591	B=1.21547	C=-0.07214
71333	4/17/2019	A=2.50021	B=0.98519	C=-0.00607

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31239	4/17/2019	A=2.87131	B=77.59372	C=0.13072

Behnke Materials

1209 E. Elmwood Ave. Unit B
Beloit, WI 53511

Signe Reichelt RSO
(608)4498427

smreichelt@behnkematerialsengineering.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
9539	3/12/2019	A=2.16286	B=114.94002	C=-0.08687
7900	3/29/2019	A=2.83062	B=61.19654	C=0.18392
0391	3/29/2019	A=2.63044	B=91.77531	C=0.00283
6961	3/29/2019	A=2.01725	B=99.84879	C=-0.04467
8973	3/29/2019	A=1.87934	B=89.32469	C=0.01843
10047	5/3/2019	A=1.87572	B=128.13597	C=-0.19289
10385	7/30/2019	A=1.83454	B=92.00767	C=0.00791

Bay Area Testing and Consulting

3125 Birch Road Suite B
Suamico, WI 54173

Jacob Franzmeier RSO
(920)660-5246
jake.franzmeier@gmail.com

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Certificate of Calibration of Instrotek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6019	5/8/2019	A=2.45407	B=152.82016	C=-0.42504
6044	5/8/2019	A=1.97183	B=105.04915	C=-0.07571
8980	5/8/2019	A=1.95680	B=99.60220	C=-0.045480
6020	5/8/2019	A=2.19698	B=142.29868	C=-0.29796

Bloom Companies, LLC

10501 W. Research Dr.
Suite 100
Milwaukee, WI 53226

Valbon Latifi RSO

vlatici@bloomcos.com

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
14750	5/8/2019	A=2.74306	B=1.27089	C=-0.10551
16804	5/8/2019	A=3.16646	B=1.33348	C=-0.12281
16809	5/8/2019	A=4.02185	B=1.54433	C=-0.14633
25960	5/8/2019	A=3.19516	B=1.15683	C=-0.06302

Certificate of Calibration of CPN InstroTek gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
8977	5/8/2019	A=1.85188	B=116.20512	C=-0.11843

Braun Intertec Corporation

11001 Hampshire Ave
Bloomington, MN

Greg Ebeling RSO
(952)995-2000

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31158	5/3/2019	A=4.523844	B=1.490014	C=-0.10677
24546	5/3/2019	A=4.079606	B=1.428301	C=-0.08844
68793	5/13/2019	A=4.11720	B=1.33310	C=-0.07486
32625	5/13/2019	A=3.89309	B=1.37535	C=-0.08828

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31332	6/10/2019	A=2.15286	B=166.94168	C=-0.37536
31333	6/10/2019	A=2.17055	B=195.58125	C=-0.51176

CEP Engineering Inc.

6501 Watts Road Suite #201
Madison, WI 53719

Najim Heidari RSO
608-215-2606 RSO
najim@cepcompany.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
8248	6/26/2019	A=2.14227	B=90.43620	C=0.00033

CGC Inc.
2921 Perry Street
Madison, WI 53713

Ryan Portman RSO
608-440-4193 cell
rportman@cqcinc.net

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Certificate of Calibration of Troxler gauges on file are:

Serial Number Date Added Approved BS Constants

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30593	2/11/2019	A=2.19211	B=90.61369	C=0.05631
10161	2/11/2019	A=2.43225	B=98.58112	C=-0.07221
31130	2/11/2019	A=2.29486	B=113.09307	C=-0.11528
30983	2/11/2019	A=2.23262	B=105.03571	C=-0.03023
7898	2/11/2019	A=2.02385	B=88.58763	C=0.04119
10160	5/3/2019	A=3.04301	B=70.73686	C=0.08547
30982	5/3/2019	A=2.17529	B=99.30209	C=-0.00246
30979	5/3/2019	A=2.50768	B=77.48001	C=0.13754

Construction Materials Testing

1610 East Madison Ave
Des Moines, Iowa 50313

Ryan Clement RSO
(515)681-5206
ryan@cmtdsm.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
37322	5/28/2019	A=4.314033	B=1.342770	C=-0.064744

Coleman Engineering Co

635 Circle Drive
Iron Mountain, MI 49801

Graham Donahue RSO
(906)221-6287 cell

gdonahue@coleman-engineering.com

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27369	4/25/2019	A=3.57816	B=1.39948	C=-0.08377
30117	4/25/2019	A=3.32825	B=1.28343	C=-0.07319

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30873	4/25/2019	A=2.22383	B=106.68006	C=-0.07265
2609	4/25/2019	A=2.28393	B=91.56565	C=-0.03834
9535	4/25/2019	A=2.27186	B=153.41289	C=-0.35473

Cooper Engineering Company Inc.

2600 College Drive
Rice Lake, WI 54868

Robert Nelson RSO
(715)234-7008

rnelson@cooperengineering.net

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
21075	5/10/2019	A=3.04626	B=1.17320	C=-0.05010
18925	5/10/2019	A=2.52877	B=1.21271	C=-0.08910

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
10002	5/10/2019	A=2.65525	B=93.22668	C=-0.05293

Corre Inc
6510 Grand Teton Plaza, Suite 314
Madison, WI 53719

Paul Burg RSO
(262)354-4343
pburg@correinc.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
1533	5/3/2019	A=2.75974	B=82.06094	C=0.05604
3324	6/3/2019	A=2.11499	B=97.12307	C=-0.01561
10383	8/6/2019	A=2.41253	B=73.52266	C=0.08909

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
14475	5/3/2019	A=3.08059	B=1.13077	C=-0.04922

Chosen Valley Testing

135 Buchner Place
La Crosse, WI

Greg Hain RSO
(507)398-9236

ghain@cvtesting.com

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60598	6/10/2019	A=2.66066	B=1.06553	C=-0.01701
72183	6/12/2019	A=2.09412	B=0.77188	C=0.06203

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
0092	1/10/2019	A=2.02492	B=103.18834	C=-0.07999

ECS Midwest LLC

3695 N. 126th St.
Brookfield, WI 53005

Jason Peters RSO
(847)878-1629

jpeters@ecslimited.com

Troy Vetort
(920)360-3517

tvetort@ecslimited.com

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70927	5/3/2019	A=2.26485	B=0.99646	C=-0.01052
28473	5/3/2019	A=2.78309	B=1.08240	C=-0.03399

GeoTest Inc.
2135 South 116th Street
West Allis, WI 532227

RSO Gregory J. Schmidt
414-349-8883 mobile
gschmidt@888geotest.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
24692	4/5/2019	A=1.90205	B=0.85813	C=0.01943
38148	4/5/2019	A=3.46763	B=1.19319	C=-0.05241
60347	4/5/2019	A=3.63625	B=1.27784	C=-0.06844
60265	4/5/2019	A=2.39670	B=1.00358	C=-0.01572
27737	4/5/2019	A=3.51523	B=1.21689	C=-0.0665
39274	4/10/2019	A=3.39119	B=1.17503	C=-0.04917

Gestra Engineering Inc.

191 West Edgerton Ave
Milwaukee, WI 53207

Gary Kolbo
(414)397-1084
gary@gestrainc.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
20645	3/22/2019	A=3.27261	B=1.28816	C=-0.07025
28472	3/22/2019	A=3.74766	B=1.34775	C=-0.08767
21691	3/22/2019	A=2.75920	B=1.11297	C=-0.05487
22813	3/22/2019	A=3.02974	B=0.99540	C=0.01184
20200	3/22/2019	A=2.53134	B=1.14247	C=-0.04737

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
7759	3/22/2019	A=2.06987	B=114.10934	C=-0.11021
4395	3/22/2019	A=3.93476	B=48.42359	C=0.259840

Giles Engineering Associates Inc.

N8 W22350 Johnson Drive, Suite A1
Waukesha, WI 53186

Steven P Homar RSO

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31667	8/6/2019	A=3.03587	B=1.08661	C=-0.03643
33434	8/6/2019	A=3.55558	B=1.18266	C=-0.05749

Graef-USA

1150 Springhurst Dr Suite 201
Green Bay, WI 54304

Bryan Lampshire RSO
(920) 592-9440 office
(920) 360-4596 mobile

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
31241	4/5/2019	A=2.74027	B=84.94557	C=0.06708

Gremmer & Associates

120 Wilshire Boulevard North
Stevens Point, WI 54481

Scott Hintz RSO
(715)572-7420

s.hintz@gremmerassociates.com

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
10270	5/3/2019	A=3.74633	B=75.45503	C=0.03664
10048	5/3/2019	A=1.99904	B=136.98988	C=-0.25079

I & S Group
201 Main Street Suite 1020
LaCrosse WI 54601

Joel Goodenough RSO
(608)789-2034

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<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30916	6/17/2019	A=2.05188	B=135.49232	C=-0.20639
10113	6/27/2019	A=2.507875	B=75.28516	C=0.06298

Interra

5004 West Ashland Way
Frankland, WI 53132

Julia M. Slota RSO
(414)235-3170 Office
(414)526-1976 cell

jslot@interraservices.com

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7757	2/7/2019	A=3.59880	B=58.33159	C=0.16460
7414	2/7/2019	A=3.00338	B=304.19275	C=-1.36044
7413	2/7/2019	A=2.07414	B=192.10480	C=-0.53547

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
22148	2/7/2019	A=2.82260	B=1.13741	C=-0.06123
16686	2/7/2019	A=4.15148	B=1.40144	C=-0.09498
12570	2/7/2019	A=4.0498	B=1.35336	C=-0.09518
14249	2/7/2019	A=1.97547	B=0.89520	C=-0.00470
13625	2/7/2019	A=2.0717	B=0.76024	C=0.08858

Jewell & Associates

156 West jefferson Street
Spring Green, WI 53588

Ralph Liegel
(608)588-7484
sgjewell@mhtc.net

Approved Trained Operators Will Be Maintained By University Of Platteville HTCP

<http://www.uwplatt.edu/HTCP>

All operators performing acceptance testing of asphaltic pavements, soils special compaction, and all QMP density projects must be HTCP certified as a NUCDENSITYTEC-1.

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30594	4/29/2019	A=2.19577	B=136.31744	C=-0.22152

JT Engineering
6325 Odana Road Suite 2
Madison, WI 53719

William Niemi RSO
(608)575-2683
billniemi@jt-engineering.com

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Certificate of Calibration of Instrotek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30800	3/20/2019	A=2.0052	B=120.11147	C=-0.09334
30801	3/20/2019	A=2.20339	B=108.23766	C=-0.06627
30868	2/22/2019	A=2.73903	B=75.10271	C=0.14244
30869	2/22/2019	A=2.34766	B=90.17598	C=0.04439
30961	2/22/2019	A=2.06632	B=83.96524	C=0.09819
30962	2/22/2019	A=2.06533	B=119.34432	C=-0.10806

Kapur & Associates
7711 N. Port Washington Road
Milwaukee, WI 53217

Thomas Schmidt
(414)351-6668
tschmidt@kapur-assoc.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30914	2/28/2019	A=2.55041	B=94.53680	C=-0.02322
30915	2/27/2019	A=2.11457	B=118.52834	C=-0.12000
8248	6/26/2019	A=2.14227	B=90.43620	C=0.00033

Certificate of Calibration of Seaman gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>
21036	4/5/2019	N/A
L-140	4/5/2019	N/A

KL Engineering
5400 King James Way
Madison, WI 53719

Brad Cunningham RSO
(608)516-8051
bcunningham@klengineering.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
8104	5/3/2019	A=2.26076	B=181.33890	C=-0.54713
7410	5/3/2019	A=1.88691	B=125.61314	C=-0.16648

Knight E/A
831 Critter Court, Suite 400
Onalaska, WI 54650

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
22895	4/10/2019	A=3.330892	B=1.138540	C=-0.050085
29507	4/10/2019	A=3.685677	B=1.185998	C=-0.046876

Mathy Technology & Engineering

915 Commercial Court
Onalaska, WI 54650

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
26689	4/23/2019	A=1.71450	B=0.94145	C=-0.02323
26690	4/23/2019	A=2.31805	B=1.18758	C=-0.07524
26691	4/23/2019	A=2.54807	B=0.98432	C=-0.00750
26692	4/23/2019	A=2.55973	B=1.01255	C=-0.01839
28532	4/23/2019	A=3.76938	B=1.29236	C=-0.08572
28533	4/23/2019	A=3.26130	B=1.19100	C=-0.07382
29641	4/23/2019	A=2.14114	B=0.94847	C=-0.00636
63158	4/23/2019	A=3.11139	B=0.89181	C=0.01926
63226	4/24/2019	A=2.83599	B=0.93857	C=-0.01043

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6113	4/23/2019	A=2.15697	B=226.51280	C=-0.70381
8976	4/23/2019	A=1.84018	B=105.03419	C=-0.06418
8979	4/23/2019	A=1.88673	B=111.63627	C=-0.08812
10046	4/23/2019	A=1.96071	B=125.09317	C=-0.18557
10271	4/23/2019	A=1.9444	B=111.93446	C=-0.11991
30992	4/23/2019	A=2.48506	B=247.18843	C=-0.85079
10388	5/28/2019	A=1.54929	B=96.70946	C=0.01919

Mead & Hunt, Inc.
6502 Watts Rd., Suite 101
Madison, WI 53719-1361

R.S.O. Lew Kollmansberger
(608) 273-6380
lew.kollmansberger@meadhunt.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30597	4/23/2019	A=2.11526	B=185.94838	C=-0.45978
6468	4/23/2019	A=2.12981	B=103.32909	C=-0.07297
30477	5/31/2019	A=4.13896	B=60.78658	C=0.23682

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
20668	4/29/2019	A=1.89122	B=0.83659	C=0.02906

Michels Corporation

PO Box 128
817 West Main Street
Brownsville, WI 53006

Eric Zeinert RSO
(920)579-0262 cell
ezeinert@michels.us

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30501	3/14/2019	A=2.73096	B=124.92258	C=-0.25232
30559	3/14/2019	A=2.48046	B=120.0874	C=-0.19124

MSA Professional Services Inc.

1230 South Boulevard
Baraboo, WI 53913

Leonard Dyer RSO
(608)963-9292
lend@msa-ps.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30596	4/25/2019	A=2.11791	B=94.79012	C=0.02857
30865	4/25/2019	A=2.127	B=135.59303	C=-0.2305

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
28559	4/25/2019	A=2.67537	B=1.02986	C=-0.02847

Northeast Asphalt

W6380 Design Drive
Greenville WI 54942

Neal Atanasoff RSO
(920)309-2049

natanasoff@neasphalt.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
5426	3/29/2019	A=2.07697	B=137.95718	C=-0.25318
6459	3/29/2019	A=2.14729	B=86.34622	C=0.03691
6831	3/29/2019	A=1.77351	B=117.93239	C=-0.10490
6838	3/29/2019	A=1.92397	B=147.07027	C=-0.29009
8058	3/29/2019	A=1.66722	B=150.95660	C=-0.237175
8409	3/29/2019	A=2.07458	B=117.27471	C=-0.14282
8969	3/29/2019	A=1.988720	B=138.66565	C=-0.26520
9281	3/29/2019	A=1.76693	B=117.58856	C=-0.08861
9364	3/29/2019	A=2.40896	B=72.82287	C=0.11168
9365	3/29/2019	A=2.57570	B=77.70724	C=0.06709
10115	3/29/2019	A=2.40650	B=90.73135	C=-0.01606
10116	3/29/2019	A=2.69771	B=98.29779	C=-0.09833

Nummelin Testing

3217 Whiting Ave
Stevens Point, WI

Bruce Nummelin RSO
(715)341-7974

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
20591	3/18/2019	A=3.68400	B=1.40978	C=-0.09025
25107	3/18/2019	A=2.58566	B=1.09175	C=-0.03776
24967	3/18/2019	A=1.88209	B=0.91159	C=-0.00032

Northern Wisconsin Based Engineers Inc.

P.O. Box 328
Hayward, WI 54843

Rebecca Olsen RSO
(715)817-0473 cell
rolson.nwbe@yahoo.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
5005	5/20/2019	A=2.29125	B=77.92361	C=0.08547
2302	6/21/2019	A=2.33034	B=86.46553	C=0.02072

Oneida Engineering Solutions

5100 Eastpark Blvd
Suite 300
Madison, WI 53718

Anthony Marcoe RSO
920-470-3883
amarcoe@otie.com

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
12809	3/11/2019	A=2.66500	B=1.06735	C=-0.0314

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6025	3/11/2019	A=2.12561	B=99.72022	C=-0.04968
9539	7/1/2019	A=3.03688	B=71.52569	C=0.11943

Omnni Associates

One Systems Way
Appleton, WI 54914

Paul Eggen RSO
(920)810-6482
peggen@omni.com

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
23439	4/5/2019	A=2.47498	B=1.03583	C=-0.02552

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30595	4/5/2019	A=2.20287	B=78.36132	C=0.12710
6461	4/5/2019	A=2.05382	B=119.41516	C=-0.15208
30999	4/5/2019	A=2.14615	B=86.89290	C=0.07492

Patrick Engineering

4970 Warsity Dr
Lisle, IL 60532

Steve Schubert
(630)453-1141

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Certificate of Calibration of troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
26444	4/29/2019	A=2.51449	B=0.93348	C=0.00720
66434	4/29/2019	A=2.81010	B=1.01922	C=-0.00959

Payne & Dolan
N3 W23650 Badinger Rd
Waukesha, WI 53187

Kathleen Peratt RSO
262.366.5181 mobile
[262.524.1707 office](tel:262.524.1707)
kperatt@payneanddolan.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6470	4/5/2019	A=2.29170	B=80.24699	C=0.06998
6628	4/5/2019	A=2.2731	B=95.27715	B=0.00883
6828	4/5/2019	A=1.94993	B=79.65539	C=0.0979
6829	4/5/2019	A=1.98373	B=84.80889	C=0.03018
6958	4/5/2019	A=1.95501	B=138.15305	C=-0.25297
6959	4/5/2019	A=1.67265	B=106.50836	C=-0.02841
6960	4/5/2019	A=1.88515	B=84.81468	C=0.03735
8410	4/5/2019	A=2.45919	B=73.65524	C=0.12930
9258	4/10/2019	A=2.15116	B=81.35379	C=0.07949
9259	4/5/2019	A=2.22381	B=96.49139	C=-0.01733
9366	4/5/2019	A=2.03527	B=80.33193	C=0.05277
9367	4/5/2019	A=1.70223	B=171.03891	C=-0.34550
9368	4/5/2019	A=2.00499	B=89.83633	C=0.00757
31158	4/5/2019	A=2.4674	B=113.71857	C=-0.11233
31159	4/5/2019	A=2.40509	B=106.73856	C=-0.06588
31327	6/12/2019	A=2.49892	B=112.96437	C=-0.10434

Pitlik and Wick Inc.

8075 Highway D
Eagle River, WI 54521

Joe Hein RSO
(715)479-7438

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
27814	5/23/2019	A=2.25636	B=0.94441	C=-0.00325
25080	5/23/2019	A=2.65770	B=1.08522	C=-0.04460

Point of Beginning
5709 Windy Drive, Suite D
Stevens Point, WI 54481

Dan St. Pierre RSO
(715)498-0764
dans@pobinc.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6018	7/8/2019	A=2.38106	B=82.1092	C=0.05470
8764	7/8/2019	A=1.94567	B=85.33628	C=0.04990

Professional Service Industries

12839 30th Ave
Chippewa Falls, WI 54729

John Thornton RSO
(630)-886-6553

john.thornton@psiusa.com

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Certificate of Calibration of InstroTek CPN on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
5571	5/3/2019	A=2.38902	B=73.80606	C=0.17829
30978	5/3/2019	A=2.12081	B=123.37932	C=-0.14949
30989	5/3/2019	A=4.08161	B=52.54651	C=0.27663

Quest LLC
320 West Grand Ave Suite 302
Wis Rapids WI 54495

Tony Rosling RSO
(715)572-2750
tony.rosling@questllc.biz

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
5730	4/2/2019	A=2.14942	B=113.62891	C=-0.10011
5731	4/2/2019	A=1.97773	B=137.36726	C=-0.21025
30554	4/2/2019	A=1.90535	B=153.48422	C=-0.25651

REI

4080 North 20 TH Avenue
Wausau, WI 54401

R.S.O. Keith A. Klebenow
(715) 675-9784

Kklebenow@REengineering.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
6469	4/23/2019	A=2.50614	B=73.91488	C=0.09311
7495	4/23/2019	A=2.12644	B=83.72136	C=0.08041

R.H. Batterman

2857 Bartells Drive
Beloit, WI 53511

Lance H Wagner RSO
(608)295-7702 Cell
lwagner@rhbatterman.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
9236	3/20/2019	A=2.22853	B=89.14992	C=0.03501
9237	3/20/2019	A=2.17519	B=90.01336	C=0.01133

Rock Road Companies Inc.

PO Box 1779
Janesville, WI 53547

Steve Bloedow RSO
(608)289-7365 cell
sbloedow@rockroads.com

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
18678	3/14/2019	A=2.95654	B=1.22626	C=-0.06906

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
9120	3/14/2019	A=3.04798	B=52.64660	C=0.20999
0879	3/14/2019	A=2.80380	B=64.97144	C=-0.13539
31105	3/14/2019	A=2.18006	B=109.99016	C=-0.05884

Short Elliott Hendrickson Inc.

10 North Bridge Street
Chippewa Falls, WI 54729

Jason Isaacson RSO
715.559.9202 cell
jisaacson@sehinc.com

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
20826	5/9/2019	A=2.92281	B=1.07870	C=-0.03894
19435	5/9/2019	A=3.28188	B=1.26191	C=-0.09454
21059	5/9/2019	A=2.54816	B=1.06112	C=-0.03678

Soils & Engineering Services Inc

1102 Stewart Street
Madison, WI 53717

Octavio Tejada
(608)274-7600
octavio@soils.wi

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
60523	4/29/2019	A=2.72737	B=0.97654	C=0.00291
60524	4/29/2019	A=3.09391	B=1.14477	C=-0.04519

Stark Paving Corp.

11710 W. Hampton Ave
Milwaukee, WI 53225

Bill Kotz RSO
414-406-6874 cell

Approved Trained Operators Will Be Maintained By University Of Platteville HTCP

<http://www.uwplatt.edu/HTCP>

All operators performing acceptance testing of asphaltic pavements, soils special compaction, and all QMP density projects must be HTCP certified as a NUCDENSITYTEC-1.

Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30866	4/10/2019	A=2.29337	B=112.99338	C=-0.11091
30867	4/10/2019	A=2.11095	B=116.11298	C=-0.10118

Terracon Consultants

9856 S. 57th Street
Franklin, WI 53132

Dean Driggett RSO
Dean.Driggett@terracon.com
414-335-8199

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Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
863	5/30/2019	A=3.321388	B=1.420431	C=-0.14913
25949	5/30/2019	A=3.184733	B=1.280632	C=-0.0804

Tri County Paving Inc

PO Box 394
DeForest, WI 53532

Ryan Jennaro
414-839-4720
rjennarotcp@gmail.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
30913	7/12/2019	A=2.10250	B=126.13114	C=-0.16440

Westbrook Associated Engineers, Inc.

619 E. Hoxie ST.
Spring Green , WI 53588

Nicholas Brey
608-588-7866
nbrey@westbrookeng.com

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Certificate of Calibration of InstroTek CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Approved BS Constants</u>		
9539	9/11/2019	A=3.03688	B=71.52569	C=0.11943

Wisconsin Department of Transportation

2841 Industrial Street
Wisconsin Rapids, WI 54495

Mike Bohn
608-516-6359
michael.bohn@dot.wi.gov

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<http://www.uwplatt.edu/HTCP>

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Certificate of Calibration of InstroTek Inc. CPN gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>	<u>Serial Number</u>	<u>Date Added</u>
10274	1/1/2019	30760	1/1/2019
10386	1/1/2019	30761	1/1/2019
10387	1/1/2019	30762	1/1/2019
30525	1/1/2019	30763	1/1/2019
30526	1/1/2019	30832	1/1/2019
30527	1/1/2019	30834	1/1/2019
30528	1/1/2019	30835	1/1/2019
30529	1/1/2019	30836	1/1/2019
30530	1/1/2019	30837	1/1/2019
30547	1/1/2019	30838	1/1/2019
30548	1/1/2019	30839	1/1/2019
30549	1/1/2019	31140	1/1/2019
30550	1/1/2019	31141	1/1/2019
30551	1/1/2019	31142	1/1/2019
30552	1/1/2019	31143	1/1/2019
30553	1/1/2019	31144	1/1/2019
30555	1/1/2019	31145	1/1/2019
30562	1/1/2019	31235	1/1/2019
30756	1/1/2019	31236	1/1/2019
30757	1/1/2019	31237	1/1/2019
30758	1/1/2019	31238	1/1/2019
30759	1/1/2019		

Certificate of Calibration of Troxler gauges on file are:

<u>Serial Number</u>	<u>Date Added</u>
71886	1/1/2019