

Belt Wide Results of Tobacco Retrofit Survey for TSNA

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
NC-Surry	BS-328	Long	78	?	upper	OIL	1.070
VA	BS-375	Stick	?	?	upper	OIL	8.580
NC-Wilson	BS-396	Powell	80	?	upper	OIL	BDL
SC	BS-71	Homemade	90	BulkTobac	upper	LPG	BDL
NC-Surry	BS-138	Home	88	BulkTobac	middle	LPG	BDL
NC-Granville	BS-146	Long	?	BulkTobac	upper	LPG	BDL
NC-Davidson	BS-148	BulkTobac	90	BulkTobac	upper	LPG	BDL
NC-Wayne	BS-196	Long	96	BulkTobac	upper	LPG	BDL
NC-Davidson	BS-262	BulkTobac	90	BulkTobac	lower	LPG	BDL
NC-Duplin	BS-267	Home	88	BulkTobac	upper	LPG	BDL
NC-Orange	BS-270	BulkTobac	85	BulkTobac	middle	LPG	BDL
NC-Pitt	BS-272	Long	97	BulkTobac	upper	LPG	BDL
NC-Surry	BS-274	BulkTobac	95	BulkTobac	upper	LPG	BDL
NC-Wilson	BS-276	BulkTobac	92	BulkTobac	upper	LPG	BDL
NC-Wayne	BS-320	Long	96	BulkTobac	upper	LPG	BDL
NC-Robeson	BS-381	BulkTobac	97	BulkTobac	upper	LPG	BDL
NC-Robeson	BS-382	BulkTobac	97	BulkTobac	upper	LPG	BDL
NC-Robeson	BS-383	BulkTobac	97	BulkTobac	upper	LPG	0.118
NC-Surry	BS-264	BulkTobac	82	BulkTobac	lower	LPG	0.135
NC-Surry	BS-136	Home	88	BulkTobac	lower	LPG	0.147
NC-Wilson	BS-142	Long	97	BulkTobac	upper	LPG	0.247
NC-Forsyth	BS-268	BulkTobac	85	BulkTobac	upper	LPG	0.586
NC-Stokes	BS-199	Powell	84	BulkTobac	upper	LPG	0.624
NC-Granville	BS-263	Long	?	BulkTobac	lower	LPG	0.925
NC-Davidson	BS-266	BulkTobac	79	BulkTobac	upper	LPG	1.730
VA	BS-366	BulkTobac	76	BulkTobac	upper	LPG	3.090
NC-Wilson	BS-140	Long	97	BulkTobac	upper	LPG	3.890
NC-Lenoir	BS-395	Taylor	97	Car. G'house	upper	LPG	BDL
NC-Lenoir	BS-404	Long	94	Car. G'house	upper	LPG	0.322
NC-Wayne	BS-168	Powell	90	CureCo	upper	LPG	BDL
NC-Forsyth	BS-232	Powell	95	CureCo	upper	LPG	0.108
NC-Forsyth	BS-243	Powell	95	CureCo	upper	LPG	0.124
VA	BS-360	Powell	90	CureCo	lower	LPG	0.285
GA - Berrien	BS-13	Powell	79	DeCloet	upper	LPG	BDL
SC	BS-60	Roanoke	78	DeCloet	middle	LPG	BDL
NC-Randolph	BS-190	DeCloet	96	DeCloet	upper	LPG	BDL
NC-Pitt	BS-194	DeCloet	95	DeCloet	upper	LPG	BDL
NC-Davidson	BS-313	Powell	78	DeCloet	upper	LPG	BDL
NC-Forsyth	BS-314	DeCloet	96	DeCloet	upper	LPG	BDL
NC-Person	BS-315	Powell	85	DeCloet	upper	LPG	BDL
NC-Pitt	BS-316	DeCloet	95	DeCloet	upper	LPG	BDL
NC-Randolph	BS-317	DeCloet	96	DeCloet	upper	LPG	BDL
NC-Wilson	BS-321	DeCloet	94	DeCloet	upper	LPG	BDL
VA	BS-353	Powell	82	DeCloet	upper	LPG	BDL
VA	BS-379	Dixie	76	DeCloet	upper	LPG	BDL
VA	BS-374	Powell	84	DeCloet	upper	LPG	0.116
NC-Alamance	BS-308	Powell	75	DeCloet	lower	LPG	0.123
NC-Stokes	BS-198	DeCloet	94	DeCloet	upper	LPG	0.161
NC-Surry	BS-186	DeCloet	96	DeCloet	middle	LPG	0.162

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
VA	BS-354	Roanoke	75	DeCloet	lower	LPG	0.168
NC-Alamance	BS-310	Powell	75	DeCloet	upper	LPG	0.182
GA-Lanier	BS-18	Powell	78	DeCloet	middle	LPG	0.252
GA-Lowndes	BS-22	DeCloet	93	DeCloet	upper	LPG	0.257
NC-Randolph	BS-188	DeCloet	96	DeCloet	lower	LPG	0.262
NC-Surry	BS-319	DeCloet	97	DeCloet	upper	LPG	0.266
VA	BS-372	Roanoke	?	DeCloet	upper	LPG	0.285
NC-Beaufort	BS-311	DeCloet	99	DeCloet	upper	N G	0.286
NC-Sampson	BS-273	Powell	71	DeCloet	middle	LPG	0.297
NC-Beaufort	BS-312	DeCloet	96	DeCloet	upper	LPG	0.346
FL	BS-6	Powell	72	DeCloet	upper	LPG	0.364
GA-Brooks	BS-40	DeCloet	93	DeCloet	upper	LPG	0.372
NC-Surry	BS-307	DeCloet	96	DeCloet	lower	LPG	0.457
VA	BS-352	DeCloet	96	DeCloet	upper	LPG	0.464
GA-Echols	BS-25	DeCloet	93	DeCloet	upper	LPG	0.635
SC	BS-59	Roanoke	78	DeCloet	lower	LPG	0.907
NC-Surry	BS-184	DeCloet	96	DeCloet	lower	LPG	0.986
FL	BS-4	DeCloet	?	DeCloet	upper	LPG	1.390
GA-Echols	BS-26	Dixie	93	DeCloet	upper	LPG	1.960
NC-Beaufort	BS-192	DeCloet	96	DeCloet	upper	LPG	2.580
NC-Nash	BS-159	Powell	82	Direct Fired	middle	LPG	0.121
SC	BS-102	Long	89	Direct Fired	middle	LPG	0.147
SC	BS-81	BulkTobac	93	Direct Fired	lower	LPG	0.189
VA	BS-358	Stick	?	Direct Fired	upper	LPG	0.226
SC	BS-69	Long	92	Direct Fired	upper	OIL	0.232
NC-Martin	BS-327	Powell	75	Direct Fired	middle	OIL	0.254
NC-Franklin	BS-227	Powell	?	Direct Fired	middle	LPG	0.263
GA-Evans	BS-41	Long	77	Direct Fired	upper	LPG	0.332
SC	BS-93	Powell	78	Direct Fired	upper	OIL	0.419
NC-Craven	BS-221	Powell	75	Direct Fired	lower	N G	0.437
GA-Appling	BS-45	Powell	75	Direct Fired	middle	LPG	0.469
GA-Pierce	BS-50	Powell	72	Direct Fired	upper	LPG	0.618
NC-Edgecombe	BS-113	Long	76	Direct Fired	upper	LPG	1.120
NC-Alamance	BS-231	Powell	70	Direct Fired	upper	LPG	1.180
VA	BS-361	Dixie	75	Direct Fired	middle	LPG	1.230
NC-Wilson	BS-141	Long	80	Direct Fired	upper	LPG	1.350
NC-Wilson	BS-155	Long	88	Direct Fired	upper	N G	1.580
NC-Randolph	BS-191	Dixie	79	Direct Fired	upper	LPG	1.610
VA	BS-368	Roanoke	?	Direct Fired	upper	LPG	1.710
NC-Craven	BS-121	Taylor	96	Direct Fired	middle	LPG	1.790
NC-Craven	BS-123	Long	71	Direct Fired	upper	LPG	1.800
NC-Sampson	BS-165	Taylor	97	Direct Fired	middle	LPG	1.890
SC	BS-82	Long	90	Direct Fired	upper	LPG	1.940
SC	BS-79	Long	82	Direct Fired	lower	LPG	2.100
NC-Wayne	BS-169	Powell	89	Direct Fired	upper	LPG	2.120
NC-Surry	BS-207	Powell	78	Direct Fired	middle	LPG	2.260
SC	BS-89	Powell	93	Direct Fired	upper	LPG	2.270
NC-Wilson	BS-175	Tharrington	95	Direct Fired	upper	LPG	2.460
NC-Edgecombe	BS-201	Long	76	Direct Fired	lower	LPG	2.460
GA-Lowndes	BS-21	DeCloet	93	Direct Fired	upper	LPG	2.500
NC-Edgecombe	BS-181	Long	77	Direct Fired	middle	N G	2.500

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
GA-Pierce	BS-48	Long	78	Direct Fired	upper	LPG	2.530
GA-Echols	BS-28	Dixie	77	Direct Fired	upper	LPG	2.540
GA - Berrien	BS-14	Powell	79	Direct Fired	upper	LPG	2.580
NC-Wilson	BS-153	Long	88	Direct Fired	lower	N G	2.610
NC-Surry	BS-185	DeCloet		Direct Fired	lower	LPG	2.770
NC-Surry	BS-205	Powell	78	Direct Fired	lower	LPG	2.800
NC-Granville	BS-215	Roanoke	80	Direct Fired	upper	LPG	2.830
VA	BS-357	Long	76	Direct Fired	upper	LPG	2.870
NC-Wilson	BS-143	Long	80	Direct Fired	upper	LPG	2.970
NC-Stokes	BS-107	DeCloet	92	Direct Fired	upper	LPG	2.980
NC-Duplin	BS-111	Long	97	Direct Fired	upper	LPG	2.990
GA-Lanier	BS-17	Powell	77	Direct Fired	middle	LPG	3.010
VA	BS-348	Powell	86	Direct Fired	upper	LPG	3.050
NC-Wayne	BS-119	Roanoke	78	Direct Fired	middle	LPG	3.200
NC-Lenoir	BS-209	Long	90	Direct Fired	lower	LPG	3.210
NC-Edgecombe	BS-402	Long	76	Direct Fired	upper	N G	3.250
NC-Duplin	BS-109	Long	97	Direct Fired	lower	LPG	3.300
NC-Beaufort	BS-193	DeCloet	97	Direct Fired	upper	LPG	3.333
NC-Randolph	BS-189	Dixie	79	Direct Fired	?	LPG	3.380
NC-Surry	BS-137	Home	79	Direct Fired	lower	LPG	3.470
NC-Surry	BS-139	Home	79	Direct Fired	middle	LPG	3.550
NC-Edgecombe	BS-125	Long	76	Direct Fired	upper	LPG	3.570
NC-Stokes	BS-105	BulkTobac	84	Direct Fired	upper	LPG	3.590
VA	BS-373	Powell	80	Direct Fired	upper	LPG	3.590
NC-Wayne	BS-179	Tharrington	97	Direct Fired	middle	LPG	3.660
NC-Edgecombe	BS-127	Taylor	96	Direct Fired	upper	LPG	3.730
NC-Wilson	BS-173	Tharrington	95	Direct Fired	lower	LPG	3.760
NC-Wake	BS-219	Powell	75	Direct Fired	upper	LPG	3.820
NC-Davidson	BS-149	Dixie	79	Direct Fired	upper	LPG	3.870
NC-Forsyth	BS-161	Powell	75	Direct Fired	upper	LPG	3.900
NC-Duplin	BS-225	Home	0	Direct Fired	middle	LPG	3.910
NC-Wake	BS-403	Long	80	Direct Fired	upper	LPG	3.930
NC-Surry	BS-187	DeCloet	96	Direct Fired	middle	LPG	4.020
SC	BS-61	Tharrington	91	Direct Fired	middle	LPG	4.080
NC-Nash	BS-115	Powell	65	Direct Fired	middle	LPG	4.080
NC-Surry	BS-288	DeCloet	90	Direct Fired	upper	LPG	4.170
SC	BS-87	Powell	84	Direct Fired	lower	LPG	4.230
NC-Person	BS-229	Powell	73	Direct Fired	upper	LPG	4.390
NC-Pitt	BS-117	Long	76	Direct Fired	upper	LPG	4.400
SC	BS-90	Powell	83	Direct Fired	middle	LPG	4.570
GA-Lowndes	BS-19	Long	78	Direct Fired	upper	LPG	4.730
SC	BS-65	Tharrington	91	Direct Fired	upper	LPG	4.860
NC-Wake	BS-217	Powell	73	Direct Fired	upper	LPG	5.143
VA	BS-364	BulkTobac	76	Direct Fired	upper	LPG	5.250
NC-Pitt	BS-133	Taylor	97	Direct Fired	upper	LPG	5.300
NC-Craven	BS-223	Long	96	Direct Fired	upper	N G	5.380
NC-Sampson	BS-129	Powell	80	Direct Fired	middle	LPG	5.510
NC-Wayne	BS-197	Long	70	Direct Fired	upper	LPG	6.090
NC-Alamance	BS-167	Powell	72	Direct Fired	upper	LPG	6.210
NC-Wake	BS-163	Powell	92	Direct Fired	upper	LPG	6.240
NC-Lenoir	BS-211	Long	94	Direct Fired	upper	LPG	6.460

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
GA-Mitchell	BS-38	Long	75	Direct Fired	upper	LPG	6.880
NC-Pitt	BS-195	DeCloet	95	Direct Fired	upper	LPG	6.990
GA-Brooks	BS-39	Premium	90	Direct Fired	upper	LPG	7.230
NC-Duplin	BS-293	Home	75	Direct Fired	upper	LPG	7.950
NC-Nash	BS-157	Powell	82	Direct Fired	lower	LPG	8.050
SC	BS-72	Homemade	90	Direct Fired	upper	LPG	8.690
NC-Surry	BS-135	Taylor	?	Direct Fired	upper	LPG	9.070
GA-Cook	BS-52	Long	96	Direct Fired	middle	LPG	9.280
NC-Wayne	BS-145	Powell	72	Direct Fired	middle	LPG	9.340
NC-Surry	BS-260	Taylor	80	Direct Fired	lower	LPG	9.390
NC-Edgecombe	BS-203	Long	75	Direct Fired	middle	LPG	BDL
GA-Coffee	BS-46	DeCloet	93	Evans	upper	LPG	BDL
SC	BS-91	BulkTobac	77	Evans	middle	LPG	BDL
NC-Forsyth	BS-160	Powell	80	Evans	upper	LPG	BDL
NC-Wake	BS-162	Powell	94	Evans	upper	LPG	BDL
NC-Wayne	BS-275	Powell	84	Evans	upper	LPG	BDL
NC-Alamance	BS-277	Powell	94	Evans	lower	LPG	BDL
NC-Forsyth	BS-279	Long	96	Evans	lower	LPG	BDL
NC-Edgecombe	BS-283	Long	94	Evans	middle	LPG	BDL
NC-Granville	BS-285	Roanoke	?	Evans	upper	LPG	BDL
NC-Wayne	BS-290	Roanoke	75	Evans	middle	LPG	BDL
VA	BS-359	Roanoke	79	Evans	upper	LPG	BDL
NC-Craven	BS-282	Powell	74	Evans	middle	LPG	0.117
NC-Nash	BS-158	Long	99	Evans	middle	LPG	0.124
SC	BS-73	Long	85	Evans	lower	LPG	0.127
NC-Sampson	BS-287	SBE	95	Evans	middle	LPG	0.151
SC	BS-103	Roanoke	78	Evans	upper	LPG	0.181
NC-Wilson	BS-152	Long	90	Evans	lower	N G	0.187
NC-Nash	BS-398	Long	0	Evans	middle	LPG	0.195
SC	BS-84	Roanoke	73	Evans	middle	N G	0.198
NC-Alamance	BS-280	Powell	81	Evans	middle	LPG	0.249
NC-Wilson	BS-154	Long	90	Evans	upper	N G	0.268
NC-Nash	BS-156	Long	99	Evans	lower	LPG	0.280
SC	BS-68	Long	98	Evans	upper	LPG	0.294
SC	BS-92	Powell	93	Evans	upper	LPG	0.304
GA-Coffee	BS-53	DeCloet	93	Evans	upper	LPG	0.341
SC	BS-88	Powell	92	Evans	lower	LPG	0.345
SC	BS-67	Long	90	Evans	upper	LPG	0.352
NC-Sampson	BS-164	Taylor	96	Evans	middle	LPG	0.401
GA-Pierce	BS-49	Powell	72	Evans	upper	LPG	0.483
NC-Alamance	BS-166	Powell	75	Evans	upper	LPG	0.499
NC-Beaufort	BS-281	DeCloet	99	Evans	upper	N G	0.499
NC-Franklin	BS-284	Powell		Evans	lower	LPG	0.711
SC	BS-94	Long	95	Evans	upper	LPG	0.827
GA-Evans	BS-30	Long	98	Evans	upper	N G	0.981
SC	BS-58	Long	80	Evans	upper	LPG	1.040
NC-Nash	BS-286	Long	84	Evans	middle	LPG	1.190
SC	BS-83	Roanoke	73	Evans	middle	N G	1.400
NC-Surry	BS-278	DeCloet	96	Evans	lower	LPG	2.230
NC-Franklin	BS-226	Powell	80	Evans	upper	LPG	2.810
SC	BS-57	Long	75	Fuel Oil	upper	OIL	BDL

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
NC-Edgecombe	BS-202	Long	?	Fuel Oil	middle	OIL	BDL
NC-Davidson	BS-322	Powell	82	Fuel Oil	lower	OIL	BDL
NC-Edgecombe	BS-326	Long	72	Fuel Oil	upper	OIL	BDL
VA	BS-370	Long	79	Fuel Oil	middle	OIL	0.114
NC-Edgecombe	BS-200	Long	70	Fuel Oil	lower	OIL	0.117
VA	BS-362	Roanoke	79	Fuel Oil	middle	OIL	0.155
GA-Mitchell	BS-37	Long	75	Fuel Oil	upper	OIL	0.162
NC-Wilson	BS-397	Powell	73	Fuel Oil	upper	OIL	0.223
NC-Surry	BS-204	Powell	83	Fuel Oil	lower	OIL	0.252
SC	BS-80	Powell	93	Fuel Oil	lower	OIL	0.262
NC-Davidson	BS-325	Powell	72	Fuel Oil	upper	OIL	0.274
NC-Edgecombe	BS-323	Long	77	Fuel Oil	lower	OIL	0.352
NC-Wilson	BS-170	Roanoke	75	Fuel Oil	middle	OIL	0.356
NC-Wake	BS-216	Powell	73	Fuel Oil	upper	OIL	0.701
NC-Surry	BS-206	Powell	83	Fuel Oil	middle	OIL	0.919
NC-Lenoir	BS-208	Roanoke	73	Homemade	lower	LPG	BDL
NC-Granville	BS-214	Powell	85	Homemade	upper	LPG	BDL
NC-Granville	BS-333	Powell	?	Homemade	upper	LPG	BDL
NC-Orange	BS-334	Powell	85	Homemade	middle	OIL	BDL
NC-Person	BS-336	Roanoke	75	Homemade	upper	OIL	BDL
NC-Pitt	BS-335	Roanoke	73	Homemade	upper	LPG	0.291
NC-Lenoir	BS-210	Home	82	Homemade	upper	LPG	0.293
NC-Stokes	BS-234	Powell	81	Homemade	upper	OIL	0.335
VA	BS-351	Roanoke	75	Homemade	middle	OIL	0.567
NC-Lenoir	BS-329	Taylor	96	Homemade	lower	LPG	0.662
FL	BS-8	Long	?	Homemade	upper	OIL	1.250
NC-Duplin	BS-292	Home	75	Homemade	upper	LPG	6.770
VA	BS-355	Powell	83	Int. Fan	upper	LPG	BDL
VA	BS-349	Powell	86	Lewis	upper	OIL	1.240
GA-Pierce	BS-47	Long	78	Long	upper	LPG	BDL
GA-Cook	BS-51	Long	96	Long	middle	?	BDL
NC-Duplin	BS-108	Long	97	Long	lower	LPG	BDL
NC-Edgecombe	BS-112	Long	98	Long	upper	LPG	BDL
NC-Pitt	BS-116	Long	90	Long	upper	LPG	BDL
NC-Wayne	BS-118	Long	96	Long	middle	LPG	BDL
NC-Wake	BS-245	Long	92	Long	upper	LPG	BDL
NC-Wayne	BS-246	Long	97	Long	upper	LPG	BDL
VA	BS-356	Long	98	Long	upper	LPG	BDL
VA	BS-371	Long	97	Long	upper	LPG	0.117
VA	BS-369	Long	96	Long	upper	LPG	0.124
NC-Nash	BS-239	Long	96	Long	upper	LPG	0.167
NC-Duplin	BS-236	Long	97	Long	middle	LPG	0.183
NC-Pitt	BS-241	Long	90	Long	upper	LPG	0.207
NC-Forsyth	BS-238	Long	?	Long	upper	LPG	0.301
NC-Surry	BS-233	Long	80	Long	middle	LPG	0.321
NC-Sampson	BS-242	Long	93	Long	upper	LPG	0.323
NC-Duplin	BS-110	Long	85	Long	upper	LPG	0.339
SC	BS-78	Long	82	Long	lower	LPG	0.366
NC-Surry	BS-244	Long	80	Long	upper	LPG	0.411
FL	BS-1	Long	97	Long	upper	LPG	0.522
GA-Evans	BS-42	Long	76	Long	upper	OIL	0.635

Location	Sample	Barn	Yr	Retrofit Mfg.	Position	Fuel	TSNA
NC-Nash	BS-114	Long	80	Long	upper	LPG	0.677
NC-Edgecombe	BS-237	Long	96	Long	upper	LPG	0.714
FL	BS-2	Long	98	Long	upper	LPG	0.955
GA-Applying	BS-44	Long	95	Long	upper	LPG	1.430
FL	BS-5	Powell	98	Marco	upper	LPG	BDL
NC-Wake	BS-261	Powell	70	Marco	upper	LPG	BDL
NC-Forsyth	BS-318	Powell	86	Marco	upper	LPG	BDL
NC-Wake	BS-345	Powell	94	Marco	upper	LPG	BDL
NC-Wake	BS-289	Powell	89	Marco	upper	LPG	0.131
NC-Pamlico	BS-249	Powell	89	Marco	upper	LPG	0.287
NC-Pamlico	BS-240	Powell	95	Marco	middle	LPG	0.290
NC-Forsyth	BS-332	Powell	81	Marco	upper	LPG	0.299
VA	BS-380	Roanoke	?	Marco	upper	OIL	0.452
NC-Wilson	BS-291	Powell	91	Marco	middle	OIL	0.606
GA-Echols	BS-29	Home	90	Marco	upper	LPG	0.867
NC-Wilson	BS-171	Long	76	NCSU	upper	LPG	0.259
SC	BS-70	Powell	0	Powell???	upper	LPG	BDL
SC	BS-85	Powell	99	Powell???	middle	LPG	0.136
VA	BS-377	Powell	0	Powell???	upper	LPG	0.109
VA	BS-411V	Powell	0	Powell???	upper	LPG	0.567
NC-Sampson	BS-389	Taylor	97	Pure Power	upper	LPG	1.510
NC-Sampson	BS-388	Taylor	97	Pure Power	middle	LPG	1.630
NC-Sampson	BS-390	Taylor	97	Pure Power	upper	LPG	2.770
NC-Nash	BS-392	Long	78	Pure Power	middle	LPG	4.480
VA	BS-363	Roanoke	78	Reddick	middle	LPG	BDL
NC-Edgecombe	BS-124	Long	76	Reddick	upper	LPG	0.730
NC-Stokes	BS-104	Powell	88	Riello	upper	N G	BDL
VA	BS-376	Stick	?	Silent Flame	upper	OIL	BDL
NC-Craven	BS-120	Taylor	97	Taylor	middle	LPG	BDL
NC-Edgecombe	BS-126	Taylor	96	Taylor	upper	LPG	BDL
NC-Surry	BS-134	Taylor	?	Taylor	upper	LPG	BDL
NC-Duplin	BS-254	Taylor	95	Taylor	upper	LPG	BDL
NC-Edgecombe	BS-255	Taylor	96	Taylor	upper	LPG	BDL
NC-Pitt	BS-257	Taylor	96	Taylor	upper	LPG	BDL
NC-Sampson	BS-259	Taylor	97	Taylor	middle	LPG	BDL
NC-Sampson	BS-128	Taylor	0	Taylor	middle	LPG	0.118
NC-Pitt	BS-132	Taylor	97	Taylor	upper	LPG	0.124
NC-Person	BS-256	Taylor	95	Taylor	upper	LPG	0.173
NC-Craven	BS-252	Taylor	97	Taylor	upper	N G	0.319
NC-Surry	BS-248	Taylor	84	Taylor	lower	LPG	0.372
NC-Craven	BS-251	Taylor	97	Taylor	upper	N G	0.555
SC	BS-55	Tharrington	90	Tharrington	lower	LPG	BDL
SC	BS-62	Tharrington	91	Tharrington	middle	LPG	BDL
NC-Wayne	BS-178	Tharrington	97	Tharrington	middle	LPG	BDL
NC-Edgecombe	BS-180	Long	76	Tharrington	upper	N G	BDL
NC-Edgecombe	BS-300	Long	76	Tharrington	upper	LPG	BDL
NC-Edgecombe	BS-301	Tharrington	97	Tharrington	upper	N G	BDL
NC-Wayne	BS-303	Long	85	Tharrington	upper	LPG	BDL
NC-Wilson	BS-306	Long	90	Tharrington	upper	LPG	BDL
VA	BS-365	Roanoke	76	Tharrington	upper	LPG	BDL
VA	BS-367	Long	78	Tharrington	upper	LPG	BDL

Location	Sample	Barn	Yr	Retrofit	Mfg.	Position	Fuel	TSNA
NC-Sampson	BS-400	SBE	96	Tharrington		upper	LPG	BDL
NC-Wilson	BS-172	Tharrington	98	Tharrington		lower	LPG	0.102
NC-Wilson	BS-305	Long	90	Tharrington		middle	LPG	0.127
NC-Wilson	BS-174	Tharrington	98	Tharrington		upper	LPG	0.135
NC-Edgecombe	BS-401	Long	74	Tharrington		upper	N G	0.140
NC-Wayne	BS-304	Long	85	Tharrington		upper	LPG	0.166
SC	BS-66	Tharrington	91	Tharrington		upper	LPG	0.212
GA-Lowndes	BS-20	Long	65	Tharrington		upper	LPG	0.232
SC	BS-76	Taylor	96	Tharrington		upper	LPG	0.311
SC	BS-101	Long	89	Tharrington		middle	LPG	0.499
SC	BS-77	Tharrington	97	Tharrington		middle	LPG	0.544
GA-Echols	BS-27	Dixie	77	Tharrington		upper	LPG	0.599
NC-Franklin	BS-342	Powell	0	Tharrington		lower	LPG	1.300
NC-Stokes	BS-106	Tharrington	94	Tharrington		upper	LPG	1.590
NC-Edgecombe	BS-302	Tharrington	97	Tharrington		middle	N G	1.920
SC	BS-56	Tharrington	97	Tharrington		lower	LPG	5.630
NC-Alamance	BS-394	Powell	73	Tri Weld		middle	LPG	0.287
NC-Duplin	BS-224	Home	0	Water		middle	OIL	BDL
NC-Person	BS-228	Roanoke	73	Water		upper	LPG	BDL
NC-Duplin	BS-341	Taylor	97	Water		middle	LPG	BDL
NC-Person	BS-343	Long	72	Water		upper	LPG	BDL
NC-Johnston	BS-346	Taylor	87	Water		upper	LPG	BDL
NC-Wilson	BS-347	Roanoke	72	Water		lower	WOOD	BDL
VA	BS-350	Dixie	80	Water		middle	LPG	BDL
NC-Lenoir	BS-399	Roanoke	76	Water		upper	LPG	BDL
NC-Craven	BS-122	Taylor	94	Water		lower	LPG	0.115
NC-Alamance	BS-337	Powell	70	Water		lower	LPG	0.128
NC-Alamance	BS-230	Powell	70	Water		upper	LPG	0.131
NC-Davidson	BS-331	Long	95	Water		upper	WOOD	0.148
NC-Pitt	BS-344	Roanoke	76	Water		upper	LPG	0.156
NC-Wayne	BS-144	Powell	72	Water		middle	LPG	0.157
GA-Appling	BS-43	Powell	77	Water		middle	LPG	0.180
NC-Craven	BS-222	Long	92	Water		upper	N G	0.203
NC-Craven	BS-340	Long	92	Water		upper	N G	0.222
FL	BS-3	?	?	Water		upper	LPG	0.375
NC-Davidson	BS-339	Dixie	77	Water		lower	WOOD	0.428
VA	BS-378	Powell	79	Water		upper	LPG	0.477
NC-Wake	BS-218	Powell	75	Water		upper	LPG	0.687
FL	BS-7	Long	?	Water		upper	LPG	2.150
NC-Craven	BS-220	Long	96	Water		lower	N G	2.750

BDL = less than 0.1 ppm TSNA

Tobacco Specific Nitrosamine (TSNA) results indicate the level of nitosamines determined from cured leaf samples taken from the indicated combinations of barns and heat exchangers during the 2000 production season. TSNA results from barns with heat exchangers show are generally lower than those from non-retrofitted barns.