Figure: 16 TAC §8.210(e)(7)

PS-95 Semi-Annual Leak Report
Electronic Filing Requirements

The Railroad Commission of Texas (RRC or Commission) has implemented an online system for the filing of Pipeline Integrity reports. The web-based system is a part of the RRC Online system. This document describes Electronic Document Interchange (EDI) filing procedures for the PS-95 Leak Report that is a part of the Pipeline Integrity application.

EDI Filing Option:

a) Capability to file PS-95 Leak Reports via EDI.

b) The new system provides a delimited format allowing filers to easily file via EDI. Anyone using spreadsheet software to compile PS-95 data will be able to export the file to a right curly bracket (}) delimited format for EDI submission.

c) Elimination of the Commission's requirement to submit a test file. The Pipeline Integrity application will validate the format of each file submitted. A file not meeting the formatting requirements will be rejected. The filer will be required to correct the formatting error and resubmit the file. Since this check will be performed each time a file is submitted, the necessity to submit and receive a certification of formatting is redundant and therefore eliminated. However, the Commission will provide EDI filers with the capability to test a file prior to submitting to validate their EDI file format.

d) For specific records not meeting the filing requirements, the filer will receive error/approval feedback on the screen in the form of a message. A file may be resubmitted once all errors are corrected.

Security:

An organization (i.e., a Form P-5 operator) must file a Security Administrator Designation (SAD) Form with the Commission as a requirement for filing online and/or EDI. An account is created for the person designated on the SAD Form as the Security Administrator for the organization. This Security Administrator, in turn, can assign "Filing Rights" to employees of the organization authorizing them to file RRC forms online.

Organizations who have existing SAD forms do not need to re-file. The existing Security Administrators will be able to assign Pipeline Integrity "Filings Rights" to the users within the RRC Online Application.

EDI file and format requirements:

1) Permission to file electronically must be obtained from the Commission via a SAD (Security Administrator Designation) Form. Contact the P-5 department for more information. Information may also be found at http://www.rrc.state.tx.us/formpr/index.html
2) The file will have a delimited format. Only the following delimiter is allowed: a right curly bracket **}** (rcb)**.**.
3) Numeric columns must not contain any commas—e.g., use 1000000 for one million, not 1,000,000. Nor should columns contain currency formatting like "$" or "USD".
4) Data entry is case sensitive.

Record Layouts:

Identifying Record

Each file submitted to the RRC for EDI processing must have an Identifying Record as the first record in the file. The processing of this record includes the validation that the User ID is authorized to file electronically. An operator may obtain authorization by submitting the Security Administrator Designation form (SAD) to the Commission's P-5 department.

Order	Req-uired	Max Length (in char-acters)	Data Item	Data Type	Description
1	Y	1	Record Type	Integer	Type of record for this identifying record must be 1
2	Y	4	Report Type	Alpha-numeric	Must be PS95.
3	Y	10	User ID	Alpha-numeric	User ID assigned by the RRC to the filer. User ID must match User ID of person logged in
4	Y	32	User Name	Alpha- numeric	Name of the User submitting the file
5	Y	32	User E-mail Address	Character	Email address for the User. Will be used to contact the User and should be valid.
6	Y	6	Operator Number	Integer	Operator Number is the 6 digit number assigned to P-5 Operators by the RRC.
7	Y	4	Report Year	Integer	Reporting year currently being accepted. Format is YYYY.
8	Y	1	Report Period	Integer	1 = 1st half of year, January – June 2 = 2nd half of year, July – December
9	Y	4	Record Count	Integer	Number of records in this filing.

PS-95 Unrepaired Leak Summary Record

Data included in this record type will replace any previously submitted data.

Order	Req.	Max Length	Data Item	Data Type	Description
1	Y	1	Record Type	Integer	Type of Record for Detail Record must be 2.
2	Y	6	Total Grade 1 Unrepaired Leaks for filing period	Integer	Number of unrepaired leaks considered an existing or probable hazard to person or property requiring prompt action. See Leak Classification Lookup Table on page 8 for complete Grade 1 definition.
3	Y	6	Total Grade 2 Unrepaired Leaks for filing period	Integer	Number of unrepaired leaks considered non-hazardous but a probable future hazard. See Leak Classification Lookup Table on page 8 for complete Grade 2 definition.
4	Y	6	Total Grade 3 Unrepaired Leaks for filing period	Integer	Number of unrepaired leaks considered non-hazardous and expected to remain non-hazardous. See Leak Classification Lookup Table on page 8 for complete Grade 3 definition.

PS-95 Leak Report Detail

* Denotes Required in some circumstances. See Description for specifics.

Order	Req.	Max Length	Data Item	Data Type	Description
1	Y	1	Record Type	Integer	Type of Record for Detail Record must be 3
2	Y	6	Pipeline System ID	Integer	System ID is the 6-digit number assigned by the RRC.
3	Y	20	Operator's Leak ID	Alpha- numeric	An Operator-generated number for the leak incident. Must be unique to the incident during that filing period for the Operator. All characters are allowed.
4	Y	8	Date Leak Reported	Integer	Date that the leak was reported, not always the date it occurred including two digit month and day, and 4-digit year. Must be in format (YYYYMMDD). If the specific day is not known, use the first of the month. Date must be prior to or within the current filing period. It may not be a future date.
5	Y	40	Street Address 1	Alpha-numeric	Address where the leak occurred. Address may read "2500 Block of Main Street" if the exact address is not known. **Must be at least 3 characters in length**
6	N	40	Street Address 2	Alpha-numeric	Second Address Line where the leak occurred.
7	Y	40	City	Alpha	City (or nearest city) where the leak occurred. **Must be at least 3 characters in length.**
8	N	5	Zip Code	Integer	5-digit zip code where the leak occurred. If entered, should correspond with the City indicated above.

Order	Req.	Max Length	Data Item	Data Type	Description
9	Y	3	County	Integer	County where the leak occurred. Select an FIPS County Code from County Code Lookup Table beginning on page 13.
10	Y	1	Leak Located	Integer	Valid values are 1 (Above Ground Piping) and 2 (Below Ground Piping). The soil/air interface is considered above ground.
11	Y	2	Leak Located On	Integer	Further pinpoints the location of the leak along the pipeline. Select a value from Located On Lookup Table on page 8.
12	N	7	Material Type	String	Compression Coupling Material Type - Either 'Steel' or 'Plastic'. Required if Leak Located On value equals 12.
13	N	8	Compression Coupling Date	Integer	Date compression coupling installed. Required if Leak Located On value equals 12. Must be in format (YYYYMMDD).
14	Y	1	Facility Type	Integer	Indicates the type of facility affected. Select a code from Facility Type Lookup Table on page 8.
15	Y	4	Pipe Size	Decimal	Decimal representation of IPS pipe size from ½ inch to 12 inches. For example, ½ inch would be .5 or 0.5 or 0.50, 3 ½ inch would be 3.5 or 3.50 and 11 inch would be 11 or 11.0 or 11.00.
16	Y	2	Pipe Type	Integer	Material type where the leak is located. Select a code from Pipe Type Lookup Table on page 9.
17	*	3	Pipe Manufacturer	Alpha- numeric	**If the Pipe Type Code is 8, 9 or 11**, provide a Manufacturer. Select a code from Pipe Manufacturer Lookup Table on page 9.
18	*	3	Pipe ASTM Material Code	Alpha- numeric	**If the Pipe Type is 8, 9 or 11**, provide the ASTM Material Code. See ASTM Code Lookup Table on page 10.
19	Y	1	Leak Classification	Integer	The leak classification is based on the operating and maintenance procedures. Select a code from Leak Classification Lookup Table on page 8.

Order	Req.	Max Length	Data Item	Data Type	Description
20	*	2	Type of Leaking Joint	Integer	The type of joint that leaked. **Required if Located On code is 5 (Joint).** Select a code from Joint Type Lookup Table on page 10.
21	*	2	Type of Leaking Fitting	Integer	The type of fitting that leaked. **Required if Located On code is 4 (Fitting).** Select a code from Fitting Type Lookup Table on page 11.
22	*	20	Coupling Model	Alpha	The model of the coupling that failed. **Required if Located On code is 12.**
23	*	20	Coupling Manufacturer	Alpha	The manufacturer of the coupling that failed. **Required if Located On code is 12.**
24	Y	2	Leak Cause	Integer	The root cause of the failure. Select a code from Leak Cause Lookup Table on page 12.
25	*	250	Other Leak Cause	Alpha- numeric	Further defines an Other Leak Cause. **Required if Other Leak Cause code 81** was entered for Leak Cause. **Must be at least 3 characters in length.**
26	Y	2	Leak Repair Method	Integer	Type of repair that was made. Select a code from Leak Repair Method Lookup Table on page 13.
27	Y	8	Repair Date	Integer	Date the repair was made. The date must be during the reporting period, cannot be a future date, cannot be before the date the leak was reported, and must be formatted YYYYMMDD.

Lookup Tables

Leak Classification Lookup Table

LEAK CLASSIFICATION CODE	DESCRIPTION
1	Grade 1 – A Grade 1 leak is an existing or probable hazard to persons or property and requires the operator to take action immediately to eliminate the hazard and make repairs.
2	Grade 2 – A Grade 2 leak is non-hazardous at the time of detection, but requires the operator to schedule repair based on probable future hazard. It can be scheduled for repair on a normal routine basis with periodic re-inspection as necessary.
3	Grade 3 – A Grade 3 leak is non-hazardous at the time of detection and can be reasonably expected to remain non-hazardous.

Located On Lookup Table

LOCATED ON CODE	DESCRIPTION
1	Valve
2	Body of Pipe
3	Stopcock
4	Fitting
5	Joint
6	Gauge Line
7	Riser
8	Regulator
9	Meter
10	Drip
11	Tap
12	Compression Coupling

Facility Type Lookup

FACILITY TYPE CODE	DESCRIPTION
1	Main
2	Service
3	Transmission

Pipe Type Lookup Table

PIPE TYPE CODE	DESCRIPTION
1	Bare Steel
2	Coated Steel
3	Ductile Iron
4	Cast Iron
5	Galvanized
6	Copper
7	Brass
8	High Density Polyethylene
9	Medium Density Polyethylene
10	Aldyl Polyethylene
11	Poly-Vinyl-Chloride

Pipe Manufacturer Lookup Table (High Density PE, Medium Density PE, or PVC)

CODE	MANUFACTURER
PP1	PolyPipe
PP2	PolyPipe, Inc.
PP3	CSR PolyPipe
RK1	Rinker
PF1	Performance Pipe
PX1	Plexco
DC1	Driscopipe
QU1	Quail
UP1	Uponorr
NP1	Nipak
OTH	Other Manufacturer, not listed, or unknown

ASTM Code Lookup Table (HDPE, MDPE, or PVC) (High Density PE, Medium Density PE, or PVC)

MATERIAL CODE	DESCRIPTION
PA1	Polyamide PA 32312
PB1	Polybutylene PB 2110
PE1	Polyethylene PE 2306
PE2	Polyethylene PE 2406
PE3	Polyethylene PE 3406
PE4	Polyethylene PE 3408
PV1	Polyvinyl Chloride PVC 1120
PV2	Polyvinyl Chloride PVC 1220
PV3	Polyvinyl Chloride PVC 2110
PV4	Polyvinyl Chloride PVC 2116
ABS	Acrylonitrile Butadiene Styrene ABS 1210
CA1	Cellulose Acetate Butyrate CAB MH08
CA2	Cellulose Acetate Butyrate CAB S004
RTR	Reinforced Epoxy Resin RTRP
OTH	Other Material Designation

Joint Type Lookup Table

JOINT TYPE CODE	DESCRIPTION
1	Factory Butt Weld (Steel)
2	Factory Fillet Weld (Steel)
3	Field Butt Weld (Steel)
4	Field Fillet Weld (Steel)
5	Threaded
6	Mechanical Joint
7	Bell & Spigot
8	Flange
9	Butt Fusion (Plastic)
10	Socket Fusion (Plastic)
11	Saddle Fusion (Plastic)
12	Electrofusion (Plastic)
13	Sidewall Fusion (Plastic)
14	Not Applicable
15	Other

Fitting Type Lookup Table

FITTING TYPE CODE	DESCRIPTION
1	Mechanical Service Tee
2	Heat Fusion Service Tee
3	Electrofusion Service Tee
4	Welded Service Tee
5	Saddle Fitting
6	Service Tee Cap
7	Anodeless Meter Riser
8	Threadolets/Weldolets/Sockolets
9	Plugs/Caps
10	Elbow
11	Nipple
12	Tee
13	Diaphragm
14	Other Meter Riser
17	Transition Fitting
18	Split Sleeve
19	Leak Clamp
20	Bell Joint Clamp
21	Meter Swivel
22	Union
23	Insulator
24	Other

Leak Cause Lookup Table

LEAK CAUSE GROUP	LEAK CAUSE CODE	LEAK CAUSE DESCRIPTION
Corrosion Group		
	11	Corrosion
Excavation Group		
	21	Operator Personnel/Contractors Excavating
	22	Other Third Party Excavators
	23	Locator
	24	Vehicle (Auto/Truck/etc.)
Natural Forces Group		
	31	Lightning
	32	Washout
	33	Ground Movement
	34	Ice
	35	Static Electricity
Other Outside Forces Group		
	41	Vandalism
	42	Fire/Explosion First
	43	Excessive Strain
Materials & Welds Group		
	51	Dent
	52	Gouge
	53	Factory Defect
	54	Wrinkle Bend
	55	Weld (Steel)
	56	Fusion Defect (Plastic)
Equipment Group		
	61	Equipment Malfunction
	62	Gasket/O-Ring
	63	Packing
Operations Group		
	71	Inadequate/Failure to Follow Procedures
	72	Stripped Threads
	73	Backfill
Other Group		
	81	Other
	82	Not Excavated

Leak Repair Method Lookup Table

REPAIR METHOD CODE	DESCRIPTION
1	Clamp Installed
2	Split Sleeve
3	Encapsulation
4	Component Replaced
5	Abandoned (Not Replaced)
6	Pipe Replaced
7	Greasing
8	Doped/Caulked
9	Tighten
10	Sealing Bell & Spigot Joint
11	Insertion

County Code Lookup Table

FIPS CODE	COUNTY NAME
001	ANDERSON
003	ANDREWS
005	ANGELINA
007	ARANSAS
009	ARCHER
011	ARMSTRONG
013	ATASCOSA
015	AUSTIN
017	BAILEY
019	BANDERA
021	BASTROP
023	BAYLOR
025	BEE
027	BELL
029	BEXAR

FIPS CODE	COUNTY NAME
031	BLANCO
033	BORDEN
035	BOSQUE
037	BOWIE
039	BRAZORIA
041	BRAZOS
043	BREWSTER
045	BRISCOE
047	BROOKS
049	BROWN
051	BURLESON
053	BURNET
055	CALDWELL
057	CALHOUN
059	CALLAHAN
061	CAMERON
063	CAMP
065	CARSON
067	CASS
069	CASTRO
071	CHAMBERS
073	CHEROKEE
075	CHILDRESS
077	CLAY
079	COCHRAN
081	COKE
083	COLEMAN
085	COLLIN
087	COLLINGSWORTH
089	COLORADO

FIPS CODE	COUNTY NAME
091	COMAL
093	COMANCHE
095	CONCHO
097	COOKE
099	CORYELL
101	COTTLE
103	CRANE
105	CROCKETT
107	CROSBY
109	CULBERSON
111	DALLAM
113	DALLAS
115	DAWSON
117	DEAF SMITH
119	DELTA
121	DENTON
123	DEWITT
125	DICKENS
127	DIMMIT
129	DONLEY
131	DUVAL
133	EASTLAND
135	ECTOR
137	EDWARDS
141	EL PASO
139	ELLIS
143	ERATH
145	FALLS
147	FANNIN
149	FAYETTE

FIPS CODE	COUNTY NAME
151	FISHER
153	FLOYD
155	FOARD
157	FORT BEND
159	FRANKLIN
161	FREESTONE
163	FRIO
165	GAINES
167	GALVESTON
169	GARZA
171	GILLESPIE
173	GLASSCOCK
175	GOLIAD
177	GONZALES
179	GRAY
181	GRAYSON
183	GREGG
185	GRIMES
187	GUADALUPE
189	HALE
191	HALL
193	HAMILTON
195	HANSFORD
197	HARDEMAN
199	HARDIN
201	HARRIS
203	HARRISON
205	HARTLEY
207	HASKELL
209	HAYS

FIPS CODE	COUNTY NAME
211	HEMPHILL
213	HENDERSON
215	HIDALGO
217	HILL
219	HOCKLEY
221	HOOD
223	HOPKINS
225	HOUSTON
227	HOWARD
229	HUDSPETH
231	HUNT
233	HUTCHINSON
235	IRION
237	JACK
239	JACKSON
241	JASPER
243	JEFF DAVIS
245	JEFFERSON
247	JIM HOGG
249	JIM WELLS
251	JOHNSON
253	JONES
255	KARNES
257	KAUFMAN
259	KENDALL
261	KENEDY
263	KENT
265	KERR
267	KIMBLE
269	KING

FIPS CODE	COUNTY NAME
271	KINNEY
273	KLEBERG
275	KNOX
283	LA SALLE
277	LAMAR
279	LAMB
281	LAMPASAS
285	LAVACA
287	LEE
289	LEON
291	LIBERTY
293	LIMESTONE
295	LIPSCOMB
297	LIVE OAK
299	LLANO
301	LOVING
303	LUBBOCK
305	LYNN
313	MADISON
315	MARION
317	MARTIN
319	MASON
321	MATAGORDA
323	MAVERICK
307	MCCULLOCH
309	MCLENNAN
311	MCMULLEN
325	MEDINA
327	MENARD
329	MIDLAND

FIPS CODE	COUNTY NAME
331	MILAM
333	MILLS
335	MITCHELL
337	MONTAGUE
339	MONTGOMERY
341	MOORE
343	MORRIS
345	MOTLEY
347	NACOGDOCHES
349	NAVARRO
351	NEWTON
353	NOLAN
355	NUECES
357	OCHILTREE
359	OLDHAM
361	ORANGE
363	PALO PINTO
365	PANOLA
367	PARKER
369	PARMER
371	PECOS
373	POLK
375	POTTER
377	PRESIDIO
379	RAINS
381	RANDALL
383	REAGAN
385	REAL
387	RED RIVER
389	REEVES

FIPS CODE	COUNTY NAME
391	REFUGIO
393	ROBERTS
395	ROBERTSON
397	ROCKWALL
399	RUNNELS
401	RUSK
403	SABINE
405	SAN AUGUSTINE
407	SAN JACINTO
409	SAN PATRICIO
411	SAN SABA
413	SCHLEICHER
415	SCURRY
417	SHACKELFORD
419	SHELBY
421	SHERMAN
423	SMITH
425	SOMERVELL
427	STARR
429	STEPHENS
431	STERLING
433	STONEWALL
435	SUTTON
437	SWISHER
439	TARRANT
441	TAYLOR
443	TERRELL
445	TERRY
447	THROCKMORTON
449	TITUS

FIPS CODE	COUNTY NAME
451	TOM GREEN
453	TRAVIS
455	TRINITY
457	TYLER
459	UPSHUR
461	UPTON
463	UVALDE
465	VAL VERDE
467	VAN ZANDT
469	VICTORIA
471	WALKER
473	WALLER
475	WARD
477	WASHINGTON
479	WEBB
481	WHARTON
483	WHEELER
485	WICHITA
487	WILBARGER
489	WILLACY
491	WILLIAMSON
493	WILSON
495	WINKLER
497	WISE
499	WOOD
501	YOAKUM
503	YOUNG
505	ZAPATA
507	ZAVALA