

MotorFuelsFiling								
Element Name		V.1.1	Value		V4.0	Value	Data Type	Comments
MotorFuelsFiling								
	attribute	schemaVersion	001		stateSchemaVersion	MFETV4.0	String50Type	
	attribute	source	MF					
	attribute	version	001					
SubmissionId					SubmissionId	12345678902020048cr1	String20Type	Should match file name with the M02 and .xml removed
MotorFuelsHeader								
	attribute	binaryAttachmentCount		IntegerNNTType	binaryAttachmentCount		IntegerNNTType	number of attachments included
		Jurisdiction	WI	String	Jurisdiction	WI	String	
		Timestamp	2020-01-27T14:56:26Z	TimestampType	Timestamp	2020-01-27T14:56:26Z	TimestampType	
		TaxPeriodBeginDate	2019-12-01	DateType	TaxPeriodBeginDate	2019-12-01	DateType	
		TaxPeriodEndDate	2019-12-31	DateType	TaxPeriodEndDate	2019-12-31	DateType	
		TaxYear	2019	YearType	TaxYear	2019	YearType	
					Quarter	1, 2, 3, 4	string	Would not expect this for WI since we have a monthly filing requirement
		DisasterRelief		LineExplanationType	DisasterRelief			
		ISPNumber		ISPTYPE	ISPNumber			
		PaidPreparerInformation	See Paid Preparer tab		PaidPreparerInformation			
		Originator	See Originator tab		Originator			
		SoftwareId			SoftwareId	TestSoft12	String10Type	
		SoftwareVersion	2020.2.1		SoftwareVersion	2020.2.1	SoftwareVersionType	TextType max 20 characters
		InternetProtocol	See Internet Protocol tab		InternetProtocol			
		SignatureOption	See Signature Option tab		SignatureOption			No difference
		AmendedReturnIndicator	X		AmendedReturnIndicator	X	CheckboxType	
		OriginalSubmissionId	12345678902020065a01		OriginalSubmissionId	12345678902020065a01	SubmissionIdType	
		OriginalSubmissionDate	2020-01-15		OriginalSubmissionDate	2020-01-15	DateType	
		TypeOfFiling	Original	MFFilingType				Values are Original, Replace, or Submit
		Filer	See Filer tab		Filer			No difference
		Contact	See Contact tab		Contact		MFContactType	Repeats as needed
		Address	See Address tab		Address		MFAddressType	Repeats as needed
TerminalOperatorReport								Repeats as needed
	attribute	reportUOM	Gallons	attribute	reportUOM	Gallons	MFUnitsOfMeasureType	Values are Gallons or Liters
	attribute	reportCurrency	USD	attribute	reportCurrency	USD	MFCurrencyType	Values are USD or CAD
		ReportID	Unused currently		ReportID	Unused currently	ReportIDType	Enumerated by each state. WI does not currently use this
		NoActivity	X		NoActivity	X	CheckboxType	Checked for no activity
		AmendedReason	Replace		AmendedReason	Supplemental	MFAmendedReasonType	Values are Replace, Supplemental, or Corrected
		ReportContact	See Contact tab		ReportContact	See Contact tab	MFContactType	Repeats as needed
		TerminalCode	T39WI1234		TerminalCode	T39WI1234	MFTerminalCodeType	string 9 characters
		PropertyAcquiredDate	2020-01-15		PropertyAcquiredDate	2020-01-15	DateType	
		PropertySoldDate	2020-01-15		PropertySoldDate	2020-01-15	DateType	
		InventoryDate	2020-01-15		InventoryDate	2020-01-15	DateType	
		TerminalReportDetails	See TerminalReportDetails tab		TerminalReportDetails	See TerminalReportDetails tab	TerminalReportDetailsType	Repeats as needed
					TerminalPositionHolderReport	See PositionHolder tab	MFPositionHolderReportType	Repeats as needed
		TerminalOperatorSchedule	See TerminalOperatorSchedule tab		TerminalOperatorSchedule	See TerminalOperatorSchedule tab	TerminalOperatorScheduleType	Repeats as needed
		TotalQuantityReported	12345		TotalQuantityReported	12345	MFQuantityType	Integer18Type
		TaxOrFee	See TaxOrFee tab		TaxOrFee		MFTaxOrFeeType	Repeats as needed
		TotalDue	123.45		TotalDue	123.45	MFAmountType	
SupplierReport								Repeats as needed
	attribute	reportUOM	Gallons	attribute	reportUOM	Gallons	MFUnitsOfMeasureType	Values are Gallons or Liters
	attribute	reportCurrency	USD	attribute	reportCurrency	USD	MFCurrencyType	Values are USD or CAD
		ReportID	Unused currently		ReportID	Unused currently	ReportIDType	Enumerated by each state. WI does not currently use this
		NoActivity	X		NoActivity	X	CheckboxType	Checked for no activity
		AmendedReason	Replace		AmendedReason	Supplemental	MFAmendedReasonType	Values are Replace, Supplemental, or Corrected
		ReportContact	See Contact tab		ReportContact	See Contact tab	MFContactType	Repeats as needed
		SupplierReportDetails	See MFReportDetail tab		SupplierReportDetails			Repeats as needed
		SupplierSchedule	See SupplierSchedule tab		SupplierSchedule			Repeats as needed
		TotalTaxOrFeeAmount - attribute - taxOrFeeItem	<TotalTaxOrFeeAmount taxOrFeeItem="String">0				MFAmountType	
		TotalCreditAmount - attribute - creditItem	<TotalCreditAmount creditAmountItem="String">0				MFAmountType	
		TotalBadDebtAmount - attribute - badDebtItem	<TotalBadDebtAmount badDebtItem="String">0				MFAmountType	
		TotalGeneralAmount - attribute - generalAmountItem	<TotalGeneralAmount generalAmountItem="String">0				MFAmountType	
		TotalQuantityReported	12345				MFQuantityType	



		ScheduleCode	TD		ScheduleCode	TR	MFTOScheduleCodeType	FTA Uniform Schedule code - TD, TR
		ProductCode	E00		ProductCode	B09	MFPProductCodeType	FTA Uniform Product code
		Mode	J		Mode	J	MFModeCodeType	FTA Uniform Transaction Mode code - J, R, B, S, PL, GS, BA, ST, RT, CE
		DocumentNumber	5356009656		DocumentNumber	5356009656	MFDocumentNumberType	String20Type
		ReceivedShippedDate	2020-01-02		ReceivedShippedDate	2020-01-02	DateType	
		Origin	See MFLocation tab		Origin	See MFLocation tab		
		Destination	See MFLocation tab		Destination	See MFLocation tab		
		Carrier	See MFParticipant tab		Carrier	See MFParticipant tab		
		Seller	See MFParticipant tab		Seller	See MFParticipant tab		
		Purchaser	See MFParticipant tab		Purchaser	See MFParticipant tab		
		Net	8183		Net	8183	MFQuantityType	Integer18Type
		Gross	8198		Gross	8198	MFQuantityType	Integer18Type
		PositionHolder	See MFParticipant tab		PositionHolder	See MFParticipant tab		
		ExchangePositionHolder	See MFParticipant tab		ExchangePositionHolder	See MFParticipant tab		

MFLocation								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
Origin								In V1.1 requirement is a choice of TerminalCode, FacilityNumber, or the choice of State or Province. Can add AddressLine and choice of City or County and complete with Country
Choice	Sequence	TerminalCode	T39W10002	Choice	TerminalCode	T39W10002	MFTerminalCodeType	
		FacilityNumber			FacilityNumber		MFFacilityNumberType	String20Type
		AddressLine	123 Test Lane		AddressLine	123 Test Lane	StreetAddressType	
	choice	City	Testerville	choice	City	Testerville	MFCityType	A-Z, a-z, single space, apostrophe, hyphen and period - maxLength = 22
		County	Green		County	Green	MFCountyType	String20Type
	choice	State	WI	Choice	State	WI	MFStateOnlyType	2 Position state code
		Province	AB		Province	AB	MFProvinceType	
					MexicanState	BC	MFMexicanStateType	
					MFOtherCountryDivision	Oth	StringType	Values are 1 to 3 characters long
		Country	CA		Country	AL	ISOCountryType	ISO 3166-1 alpha2 Country Codes
Destination								Same as above

MFParticipant								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
Carrier								
	Choice	FEIN	***456789	9 digit value			EINType	V1.1 and V4.0 are identical
		SSN	***456789				SSNType	
		CBN	***456789				MFCanadianBusinessNumberType	
		Name	Joe Tester				String50Type	
Seller								Same as above
Purchaser								Same as above
PositionHolder								Same as above
ExchangePositionHolder								Same as above
DeliveredTo								Same as above
Origin								Same as above
Destination								Same as above
RevisedDestination								Same as above
Consignor								Same as above

MFReportDetail								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments

SupplierReportDetails							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
		ProductCode	E00		ProductCode	E00	MFPProductCodeType
		Inventory	See Inventory section below		Inventory	See Inventory section below	MFINventoryType
		TaxOrFeeAmount - attribute - taxOrFeeItem	<TaxOrFeeAmount taxOrFeeItem="String">0		TaxOrFeeAmount - attribute - taxOrFeeItem		MFAmountType
	Choice	CreditAmount - attribute - creditAmountItem	<CreditAmount creditAmountItem="String">0		CreditAmount - attribute - creditAmountItem		MFAmountType
		CreditQuantity - attribute - creditQuantityItem	<CreditQuantity creditQuantityItem="String">0		CreditQuantity - attribute - creditQuantityItem		MFQuantityType
		BadDebtAmount - attribute - badDebtItem	<BadDebtAmount badDebtItem="String">0		BadDebtAmount - attribute - badDebtItem		MFAmountType
	Choice	GeneralAmount - attribute - generalAmountItem	<GeneralAmount generalAmountItem="String">0		GeneralAmount - attribute - generalAmountItem		MFAmountType
		GeneralQuantity - attribute - generalQuantityItem	<GeneralQuantity generalQuantityItem="String">0		GeneralQuantity - attribute - generalQuantityItem		MFQuantityType

TerminalReportDetails							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
TerminalReportDetails			attribute	inventoryUOM	Net	MFINventoryUnitsOfMeasureType	Repeats as needed
		ProductCode	E00	ProductCode	E00	MFMCodeType	Values are Net and Gross
		BeginningInventory	12345	BeginningInventory	12345	MFQuantityType	FTA Uniform Product code
		GainLoss	100	GainLoss	100	MFQuantityType	Integer18Type
		PhysicalEndingInventory	12245	PhysicalEndingInventory	12245	MFQuantityType	Integer18Type

AddendaRecord							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
AddendaRecord				TaxpayerIdentification	123456	ACHIdentifierType	Repeats as needed
		TaxpayerIdentification	123456	TaxpayerIdentification	123456	ACHIdentifierType	String 15
		TaxTypeCode	Parent	TaxTypeCode	Parent		Parent for FTACode amd StateTaxTypeCode
		FTACode	057	FTACode	057	FTATaxTypeCode	3 digit string
		StateTaxTypeCode	00	StateTaxTypeCode	00	StateTaxTypeCode	
		TaxPeriodEndDate	2020-03-10	TaxPeriodEndDate	2020-03-10	DateType	

Address							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
Address						MFAAddressType	Repeats as needed
		typeOfAddress	Business	typeOfAddress	Mailing	MFTYPEOfAddressType	Values are Business, Mailing, or Both
		changeOfAddress	X	changeOfAddress	X	CheckboxType	
	Choice	USAddress	See USAddress tab	Choice	USAddress		V4.0 add an optional County element between City and State
		ForeignAddress	See ForeignAddress tab		CanadianAddress		See CanadianAddress tab
					MexicanAddress		See MexicanAddress tab
					OtherForeignAddress		

CanadianAddress							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
CanadianAddress							This node is not present in V1.1
		AddressLine1	123 Foreign Way	AddressLine1	123 Foreign Way	StreetAddressType	
		AddressLine2	STE 321	AddressLine2	STE 321	StreetAddressType	
		City	Cold Lake	City	Cold Lake	MFCityType	
		ProvinceOrState	AB	ProvinceOrState	AB	MFProvinceType	
		PostalCode	123456	PostalCode	123456	xs:string	length = 6
		InCareOfName	Joe Tester	InCareOfName	Joe Tester	String50Type	

Contact							
Element Name	Version	Value	Attribute	Version	Value	Data Type	Comments
Contact							Same values as V1.1
	attribute	typeOfContact	<Contact typeOfContact="General">	attribute	typeOfContact	<Contact typeOfContact="General">	Values are General or Technical
		Name	Joe Tester	Name	Joe Tester	PersonNameType	
		Title	Chief Tester	Title	Chief Tester	PersonTitleType	
		Department	Testing	Department	Testing	DepartmentType	
		Phone	5555551212	Phone	5555551212	PhoneNumberType	

		Fax	5435551212		Fax	5435551212	PhoneNumberType	
		Email	joe.test@test.com		Email	joe.test@test.com	EmailAddressType	
ReportContact								Repeats as needed
	attribute	typeOfContact	<Contact typeOfContact="General">	attribute	typeOfContact	<Contact typeOfContact="General">		Values are General or Technical
		Name	Joe Tester		Name	Joe Tester	PersonNameType	
		Title	Chief Tester		Title	Chief Tester	PersonTitleType	
		Department	Testing		Department	Testing	DepartmentType	
		Phone	5555551212		Phone	5555551212	PhoneNumberType	
		Fax	5435551212		Fax	5435551212	PhoneNumberType	
		Email	joe.test@test.com		Email	joe.test@test.com	EmailAddressType	

File								
Element Name		V.1.1	Value		V.4.0	Value	Data Type	Comments
File								Same values as V1.1
	Choice	FEIN	***456789	Choice	FEIN	***456789	EINType	
		SSN	***456789		SSN	***456789	SSNType	
		CBN	***456789		CBN	***456789	CanadianBusinessNumber	
		StateLicenseNumber	540123456789002		StateLicenseNumber	540123456789002	FileIDType	
		Name	Joel Test Fuel		Name	Joel Test Fuel	PersonNameType	
		NameControl	JOES		NameControl	JOES	BusinessNameControlType	
		DBA	JT Fuel		DBA	JT Fuel	BusinessNameLine1Type	
		Signature	Parent		Signature	Parent	MFSignatureType	
		AuthorCode	String		AuthorCode	String	xsd:string	
		SecurityCode	String		SecurityCode	String	xsd:string	

ForeignAddress								
Element Name		V.1.1	Value		V.4.0	Value	Data Type	Comments
PreparerForeignAddress		AddressLine1	123 Foreign Way		AddressLine1Txt	123 Foreign Way	StreetAddressType	maxLength 35
		AddressLine2	STE 321		AddressLine2Txt	STE 321	StreetAddressType	maxLength 35
		City	Cancun		CityNm	Cancun	TextType	maxLength 50
		ProvinceOrState	Quintana Roo		ProvinceOrStateNm	Quintana Roo	TextType	maxLength 50
		Country	MX		CountryCd	MX	CountryType	Enumerated values
		PostalCode	12345678		ForeignPostalCd	12345678	TextType	maxLength 16
ForeignAddress		AddressLine1	123 Foreign Way		AddressLine1	123 Foreign Way		
		AddressLine2	STE 321		AddressLine2	STE 321		
		City	Cancun		City	Cancun		
		ProvinceOrState	Quintana Roo		ProvinceOrState	Quintana Roo		
		Country	MX		Country	MX		
		PostalCode	12345678		PostalCode	12345678		
		InCareOfName	Joe Tester		InCareOfName	Joe Tester	String50Type	
OtherForeignAddress								Not in V1.1
					AddressLine1	123 Foreign Way		
					AddressLine2	STE 321		
					City	Cancun	MFCityProvBaseType	
					ProvinceOrState	Quintana Roo	MFCityProvBaseType	String 50 - A-Z, a-z, single space, apostrophe, hyphen and period
					Country	MX	ISOCountryType	
					OtherPostalCode	12345678	MFOtherPostalCodeType	String 20
					InCareOfName	Joe Tester	String50Type	

InternetProtocol								
Element Name		V.1.1	Value		V.4.0	Value	Data Type	Comments
InternetProtocol		IPAddress	0.0.0.0		IPAddress	Parent	String	Parent for choice of IPv4AddressTxt and IPv6AddressTxt
				Choice	IPv4AddressTxt	0.0.0.0	IPv4Type	
					IPv6AddressTxt	0000	IPv6Type	
		IPTimestamp	2001-12-17T09:30:47Z		IPTimestamp	2001-12-17T09:30:47Z	TimestampType	

MexicanAddress								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
MexicanAddress					AddressLine1	123 Foreign Way	StreetAddressType	This node is not present in V1.1
					AddressLine2	STE 321	StreetAddressType	
					City	Testerville	MFCityType	
					MexicanState	OR	MFMexicanStateType	2 position Mexican State code
					MexicanPostalCode	12345	MFMexicanPostalCodeType	5 digits
					InCareOfName	Joe Tester	String50Type	

Originator								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
Originator								
		EFIN	123456	Choice	EFIN	123456	EFINType	
					AgentIdentifier	ABC123	String20Type	
		OriginatorTypeCd	Enumerated list		OriginatorTypeCd			ERO, OnlineFiler, ReportingAgent, IRSAgent, FinancialAgent, LargeTaxpayer
		PractitionerPIN	Parent		PractitionerPIN	Parent		
		EFIN	123456	Choice	EFIN	123456	EFINType	If EFIN is present, the PIN must also be present PIN must be present if EFIN is present
		PIN	12345		PIN	12345	PINType	
					ReportingAgentSignature	123ABC	PINTypeState	State issued PIN - 15 alphanumeric maximum

PaidPreparerInformation								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
PaidPreparerInformation			Parent			Parent		
		DateSigned	2020-03-02		DateSigned	2020-03-02	DateType	
		SelfEmployed	X		SelfEmployed	X	CheckboxType	
	Choice	SSN	***456789	Choice	SSN	***456789	SSNType	
		PTIN	P12345678		PTIN	P12345678	PTINType	
					StateID	540123456789002	String20Type	
	Choice	PreparerFirmIDNumber	***456789	Choice	PreparerFirmIDNumber	***456789	EINType	
		MissingEINReason	APPLD FOR or FOREIGNUS		StateEIN	540123456789002	String20Type	
PreparerBusinessName			Parent			Parent		
		BusinessNameLine1	Test Oil		BusinessNameLine1Txt	Test Oil	BusinessNameLine1Type	
		BusinessNameLine2	Joes Oil		BusinessNameLine2Txt	Joes Oil	BusinessNameLine2Type	
		PreparerPersonName	Joe Test		PreparerPersonName	Joe Test	PersonNameType	
	Choice	PreparerUSAddress	See USAddress Tab	Choice	PreparerUSAddress	See USAddress Tab	USAddressType	
		PreparerForeignAddress	See ForeignAddress Tab		PreparerForeignAddress	See ForeignAddress Tab	ForeignAddressType	
	Choice	Phone	6085551212	Choice	Phone	6085551212	PhoneNumberType	
		ForeignPhone	123456789789		ForeignPhone	123456789789	ForeignPhoneNumberType	Up to 30 digits
		EmailAddress	joe.test@test.com		EmailAddress	joe.test@test.com	EmailAddressType	

PositionHolder								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
TerminalPositionHolderReport		Not included in V1.1						Repeats as needed.
					PositionHolder	Parent		Parent for sequence of (Choice of FEIN, SSN, or CBN) and Name
				Choice	EFIN	***456789	EINType	
					SSN	***456789	SSNType	
					CBN	***456789	MFCanadianBusinessNumberType	
					Name	Joe Position	String50Type	
				Sequence				Repeats as needed.
					ProductCode			
					PositionHolderInventory	See PositionHolderInventory below		
PositionHolderInventory				attribute	inventoryUOM	Gallons	MFInventoryUnitsOfMeasureType	Values are Net and Gross
					PHBeginningInventory	12345	MFQuantityType	
					PHTotalReceipt	1000	MFQuantityType	
					PHTotalDisbursement	500	MFQuantityType	
					PHGainLoss	500	MFQuantityType	
					PHEndingInventory	12845	MFQuantityType	

SignatureOption								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
SignatureOption						Same values as V1.1		
	Choice	SignatureDocument	<SignatureDocument referenceDocumentId="1">Mail		SignatureDocument		SignatureDocumentType	attribute referenceDocument is optional
		SignaturePIN	Parent of Signature, PrimaryPINEnteredBy, and SecondaryPINEnteredBy		SignaturePIN			
		Signature	Practitioner		Signature		PINCodeType	Values are Practitioner, Self-Select On-Line, or Self-Select Practitioner
		PrimaryPINEnteredBy	Taxpayer		PrimaryPINEnteredBy		PINEnteredByType	Values are ERO or Taxpayer
		SecondaryPINEnteredBy	ERO		SecondaryPINEnteredBy		PINEnteredByType	Values are ERO or Taxpayer

TaxOrFee								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
TaxOrFee					Same as V1.1			Repeats as needed
		TaxOrFeeCategory					MFTaxOrFeeCategoryType	String
		TotalTaxOrFeeDue	123.45				MFAmountType	
		Interest	123.45				MFAmountType	
		Penalty	123.45				MFAmountType	

USAddress								
Element Name		V1.1	Value		V4.0	Value	Data Type	Comments
PreparerUSAddress								
		AddressLine1	123 Test Lane		AddressLine1Txt	123 Test Lane	StreetAddressType	
		AddressLine2	Apt 2		AddressLine2Txt	Apt 2	StreetAddressType	
		City	Testerville		CityNm	Testerville	CityType	
		State	WI		StateAbbreviationCd	WI	StateType	
		ZIPCode	54321		ZIPCd	54321	ZIPCodeType	
USAddress							MFAAddressType	
		AddressLine1	123 Test Lane		AddressLine1	123 Test Lane	StreetAddressType	
		AddressLine2	Apt 2		AddressLine2	Apt 2	StreetAddressType	
		City	Testerville		City	Testerville	CityType	
		State	WI		State	WI	StateType	
		ZIPCode	54321		ZIPCode	54321	ZIPCodeType	
		InCareOfName	Joe Tester		InCareOfName	Joe Tester	String50Type	