REPORTING GUIDE

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A Kansas Partnership between KIC, the Attorney General's Office and the KBI

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Introduction

The Kansas State Legislature identified a need to enact legislation to create, implement, and maintain a statewide scrap metal repository database system for the purpose of tracking scrap metal purchases to deter scrap metal theft. The goal of the database is to reduce or eliminate scrap metal theft within the state of Kansas.

In 2019, House Bill 2248 was passed to create, implement, and maintain a scrap metal theft repository for the purpose of reducing scrap metal theft within the state of Kansas.

The system will keep track of transaction information submitted by scrap metal dealers and will be visible to law enforcement agencies investigating scrap metal thefts.

Submission Process

The Application Program Interface (API) will allow bulk transactions to be sent from a dealer location to the repository. The dealer location or their submission service needs to build an interface to communicate with API in order to successfully transmit data.

Dealer Location or Submission Service Set up

The first step is to set up a KanAccess account with the Kansas Information Consortium (KIC). Please visit at http://www.kansas.gov/ump. Once a KanAccess account is established, send an email to Kansas.gov Help Center to request Scrap Metal Reporting access. The email is: Ks-helpcenter@egov.com

Please indicate in the subject: API Scrap Metal Reporting, in the body of the email please include the following information:

- First Name
- Last Name
- Phone Number
- Dealer ID
- Dealer Name
- Email used to create the KanAccess account

Once the Kansas.gov Help Center validates the KanAccess account and grants user permission to the API, an email will be sent back to the Dealer Location or Submission Service confirming their ability to start the testing process.

Testing Process

The Application Program Interface (API) has a test environment that will allow the Dealer Location or Submission Service to test the connection between their location and the API that was built to accept Scrap Metal transactions in bulk to the repository. The URL's for the test environment are:

Transaction API - https://staging-www.kansas.gov/scrap-metal-reporting/api/rest/v2/transaction
Transaction Image API - https://staging-www.kansas.gov/scrap-metal-reporting/api/rest/v2/transactionImage

Once the testing process is completed, please plan to submit one transaction through the production (API) to make sure the connection and data sent can be validated.

Production Environment

Initially, the Application Program Interface (API) Production environment can be used to send one transaction through that will validate successful transmission and data sent. After the initial transaction has been validated, you may send a bulk file. To validate the data sent, please email to Scrap.Metal@kbi.ks.gov.

The Production URL's are:

Transaction API – https://www.kansas.gov/scrap-metal-reporting/api/rest/v2/transaction
Transaction Image API - https://www.kansas.gov/scrap-metal-reporting/api/rest/v2/transactionImage

Interface Connection from Submission Service to Repository (Swagger) Documentation Links

The technical specification documentation needed to connect to the API are listed below.

https://www.kansas.gov/scrap-metal-reporting/v2 /api-docs
https://www.kansas.gov/scrap-metal-reporting/swagger-ui.html

API Questions

If you have any questions about the testing process or technical documentation, please contact the Kansas.Gov Help Center at ks-helpcenter@egov.com.

Submitting a Scrap Metal Transaction

The input parameter(s) are as follows:

Parameter	Type	Required	Length (min/max)	Description
purchaserFirst Name	String	Yes	1 / 50	Identifies the first name of the purchaser of the transaction.
purchaserLastN ame	String	Yes	1 / 50	Identifies the last name of the purchaser of the transaction.
firstName	String	Yes	1 / 50	Identifies the first name of the seller.
middleName	String	No	1 / 50	Identifies the middle name of the seller
lastName	String	Yes	1 / 512	Identifies the last name of the seller.
Gender	String	Yes	1 / 7	"Male", "Female", "Unknown"
dob	String	Yes	10 / 10	Seller date of birth. dd/mm/yyyy
address1	String	Yes	1 / 100	Address of seller.
address2	String	No	1 / 100	Address of seller.
city	String	Yes	1 / 50	City of seller.
state	String	Yes	2 / 2	State abbreviation.
zip	String	Yes	5 / 5	Zip code of seller.
zip4	String	No	4 / 4	Zip +4 of seller.

idType	String	Yes	1 / 50	"Driver's License", "State ID", "Military ID", "Passport"
idState	String	Yes	2 / 2	State that issued the ID.
idNumber	String	Yes	1 / 50	ID number.
noVehicle	String	Yes	4 / 5	"True", "False"
vehicleID	String	Yes	1 / 7	Vehicle license number.
make	String	Yes	1 / 3	Vehicle make
model	String	Yes	1 / 3	Vehicle model
year	String	Yes	4 / 4	"yyyy"
color	String	Yes	1 / 50	Vehicle color
transactionDate	String	Yes	10 / 20	"dd/mm/yyyy" hh:mm AM/PM
ticketNum	String	No	1 / 50	Dealer ticket number.
location	String	Yes	1 / 50	Dealer location.

scrapList

Parameter	Type	Required	Length (min/max)	Description
weight	Float	Yes	1 / 10	Weight
quantity	Integer	Yes	1 / 10	Quantity
type	String	Yes	1 / 3	Metal Type
form	String	Yes	1 / 3	Metal Form
desc	String	Yes	1 / 50	Description of load.

scrapVehicleList

Parameter	Type	Required	Length (min/max)	Description
type	String	Yes	1 / 50	"BACK_CLIP", "FRONT_CLIP", "COMPLETE_VEHICLE"
idNumber	String	Yes	1 / 50	VIN
make	String	Yes	1 / 3	Vehicle Make
model	String	Yes	1 / 3	Vehicle Model
year	String	Yes	4 / 4	"yyyy"
color	String	Yes	1 / 50	Vehicle color.

If all the above parameters pass the validation processes, this method will return the message of "Transaction saved successfully and confirmation number is…".

Call to API

In the header, the following should be added.

Authorization: ****Add KanAccess Key here**** *(The KanAccess Key is provided by KIC and is the UserName and Password.)*

Content-Type: application/json

Submitting a Scrap Metal Transaction Image

In the header, the following information should be added.

Authorization: ****Add KanAccess Key here*** *(The KanAccess Key is provided by KIC and is the UserName and Password.)*

Content-Type: multipart/form-data; boundary=boundary

ConfirmationNo: ****conf number*** (Use the ConfirmationNo from transaction API response e.g. 6cf62bf5-802f-4476-86e6- eb92f488a4d)

Scrap Metal Codes
(Listed below is a partial list.)
The complete list of metal types can be viewed at: http://www.accesskansas.org/kbi/docs/info/MetaltypesKBI.pdf
The complete list of metal forms can be viewed at: http://www.accesskansas.org/kbi/docs/info/MetalformsKBI.pdf

Metal Type	MetalID	Metal Form	FormID
Aluminum Copper Radiator	1	Clean, Dirty, Unknown	1, 2, 3
Aluminum	2	AutoParts, AutoWheels, Breakage, Cast, Clip/A1, Extrusion, Motor/Engine Block, Pipe, Radiator Clean, Radiator Dirty, Scrap-Dirty, Sheet, Tubing, Turnings, CATV, Wire-Clean, Wire-Dirty, Wire-Low Grade, Other, Unknown	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 62

Batteries	3	Auto/Truck/Boat/Tractor/Motorcycle, Non Auto, Lithium Ion, Unknown	23, 24, 25, 63
Brass	4	Breakage, 70/30, Plumbers Brass, Cupro 70/30, Cupro 90/10, Hard, Mixed, Red, Yellow, Unknown	26, 27, 28, 29, 30, 31, 32, 33, 34, 64
Bronze	5	Unknown	65
Catalytic Convertor	6	Unknown	66
Circuit Board	7	Unknown	67
Compressor/Sealed Unit	8	Unknown	68
Copper	9	Breakage, Bare Bright, Tubing-clean, Tubing-Dirty, #1, #2, #1-Insulated Wire, #2-Insulated Wire, #3-Sheet, Radiator, Starters, Turnings, Other, Unknown	35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 69
Lead	10	Clean, Dirty, Wheel Weights, Unknown	48, 49, 50, 70
Magnesim	11	Unknown	71
Motor/Electric	12	Clean, Dirty, Unknown	51, 52, 72
Nickel	13	Unknown	73
Palladium	14	Unknown	74
Platinum	15	Unknown	75

Rhodium	16	Unknown	76
Stainless Steel	17	Clean, Dirty, Magnetic Ferrous, 18/8, 201, 303/304, 316, 400, Unknown	53, 54, 55, 56, 57, 58, 59, 60, 77
Titanium	18	Unknown	78
Tungsten	19	Unknown	79
Vehicle	20	Unknown	80
Zinc	21	Unknown	81
Any other nonferrous Metal	22	Unknown	82
Any combination of nonferrous metals	23	Unknown	83

Vehicle Codes

(Listed below is a partial list.)
The vehicle makes can be viewed at: http://www.accesskansas.org/kbi/docs/info/VehicleMakesKBI.pdf
The vehicle models can be viewed at: http://www.accesskansas.org/kbi/docs/info/VehicleModelsKBI.pdf

Vehicle Make	MakeID	Vehicle Model	ModelID
Aircraft	1	Unknown	1
Blimp	2	Unknown	2
Boat	3	Unknown	3
Camping Trailor	4	Unknown	4
Drone	5	Unknown	5
Helicopter	6	Unknown	6
Hot Air Balloon	7	Unknown	7
Jet Propelled	8	Unknown	8
Motorcycle	9	Unknown	9
Motohome	10	Unknown	10
Propeller Driven	11	Unknown	11
Sailplane	12	Unknown	12
Semi Tractor	13	Unknown	13
Tractor Farm	14	Unknown	14

Tractor Car	15	Unknown	15
Ultralights	16	Unknown	16
American Austin Car Company	17	Unknown	17
Armet Arored Vehicles	18	Unknown	18
Abarth	19	Unknown	19
AC, Great Britian	20	Unknown	20
Acadian GM	21	BEA, CAN, INV	21, 22, 23
Antique	22	Unknown	24
American Custom Golf	23	Unknown	25
Acura	24	TL, CL, CSX, EL, ILX, INT, LEG, MDX, NSX, RDX, RL, RLX, RSX, SLX, TLX, TSX, VIG, ZDX	26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43
Adette	25	Unknown	44
Adler	26	Unknown	45
Aerocar	27	Unknown	46
Aeta	28	Unknown	47
Allen Coachworks	29	Unknown	48
Alfa	30	136, 164, 26P, 26S, 4C,	49, 50, 51, 52, 53,

		AGT, ARN, BER, DUE, G25, GIP, GIS, GIT, GIU, GT6, GTV, MIL, MON, SPI, STV, ZAG	54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69
Allard	31	Unknown	70
Alpine	32	Unknown	71
Alpina USA	33	Unknown	72
Alta or Alta Car	34	Unknown	73
Alvis	35	Unknown	74
American Motors	36	Aliance	75
AM General	37	Ambassador, Hummer	76, 99
Amphicar	38	American, Unknown	77, 100
Argonaut State	39	AMX, Unknown	78, 101
Arista	40	ARN, Unknown	79, 102
Armstrong Siddeley	41	Concord, Unknown	80, 103
Arnolt Bristol	42	Eagle, Unknown	81, 104
Ascort	43	Encore, Unknown	82, 105
ASA	44	Gremlin, Unknown	83, 106
Ashley	45	Hornet, Unknown	84, 107
Aston Martin	46	Javelin, DB5, DB6,	85, 108, 109,

		DB7, DB9, DBS, Lagonda, Raptide, Vantage, Saloon, Vanquish	110, 111, 112, 113, 114, 115, 116, 117
Asuna	47	Marlin, GT, SE, Sunfire, Sunrunner	86, 118, 119, 120, 121
All Terrain Vehicle	48	Matador, Cyl-Motorcycle, TRA, Track and Wheel, Wheels	87, 122, 123, 124, 125
Auburn	49	Medallion, Unknown	88, 126
Audi	50	Pacer, 100, 100GL, 100LS, 200LS, 4000, 5000, 850, A2, A3, A5, A7, A80, A90, AA4, AA6, AA8, All Road, AS4, AS6, AS7, AS8, Avant, Cabriolet, E Tron, Fox, Q3, Q5,	89, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153,

		Q7, Q8, Quatrro, R8, RS3, RS4, RS5, RS6, RS7, S3, S5, SUPER 90, SQ5, TTRS, 2000 TT, TTS, V-8	154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170